



Green Mapmakers Archive

June 1995 - June 2005

**Sharing our Mapmaking Experiences
in a Digest of
Green Mapmaker Listserver Conversations**

Special Thanks to all Mapmakers who contributed to this Archive!



Green Mapmakers Archive

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About This Archive

Since program inception in 1995, Green Mapmakers have shared their best ideas, lessons learned and advice with one another over our Listserv. This Archive is the condensed collection of conversations and posts since 1996. Feel free to use this Archive as you develop your map, its funding, publication and dissemination. These experiences offer great guidance, but please be aware that some of the advice is very dated, and that newer technologies and options may be more appropriate now.

The conversation threads have been reproduced in their original form in order to retain the value of the question/answer process that naturally develops in an online forum. Each individual thread has however been organized by topic to help Mapmakers identify specific bodies of useful information. Some are noted with name, place, date, email and subject, others have just a portion of this data. Some items appear in more than one chapter as they relate to both.

If you intend on contacting any of the people referenced in the conversations please refer to this Archive or the Listserv when introducing yourself. If their email is out of date, please check the Maps section at GreenMap.org for the current contact (or ask GMS if needed). Most Mapmakers are gracious about requests for information and assistance - thank you for maintaining an open and courteous community! Together, we can continue the outstanding progress we have made toward an environmentally aware society.

Search Tips

Use the Table of Contents to click right to the section you seek in the PDF version, or use the Adobe Reader search feature for keywords. If you are using the Text (or Word) version, use a general search tool. When searching, you are more likely to find what you are looking for quickly by first going to the beginning of a pertinent section and then accessing the search feature.

When browsing for specific concepts try to think of keywords associated with that concept and then use the method mentioned above. Be general rather than specific, for example: If you are looking for Printer Budgeting first try going to the Financial Issues section and then using the search feature to look for the word 'Budget' or 'Printing' or 'Expense'. If that is not specific enough try 'Print Budget' or 'Publishing Budget'. Be creative when searching and this Archive should prove to be quite a valuable resource for your project team.

We also recommend visiting the How to Participate section at GreenMap.org, it has mapmaking Stories from several places. The Green Map Atlas is another good resource, download at GreenAtlas.org or refer to the CD Rom edition.

Credits

Mapmakers worldwide contributed to this Archive, with authors noted with most contributions.

Over the years, this Archive was condensed and formatted by:

Wendy E. Brawer
Lee Frankel-Goldwater
Max A. Goldstein
Carlos A. Martinez
Sarahjane Sachetti
Ciprian Samoila

Many thanks for your dedicated efforts to green your community and our world!
-The Green Map System Team, July 2005

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Please contact us anytime at info@greenmap.org with your comments, ideas and additions to this Archive.

1. MAPMAKING

Boulder USA - Dave Blumenthal - 1998

Greetings Mapmakers!

The Boulder Green Map is going to the presses! Our map is black and white, two sided, photocopied onto 11 x 17 paper. One side has the map, and the other side has the site listings and fine print. The primary sponsoring organizations have already put up \$350 towards reproduction and marketing. We are currently negotiating with friendly copy shops to see if we can get a reduced rate for those services. This first version of the Boulder Green Map is very low tech and inexpensive to produce, but we have visions of a more elaborate and expensive second version for sometime in the future. Hence our group is thinking about ways to use the current map as bait for getting real financial support. Here are some of the ideas that we are considering:

- 1) First round-take the \$350 and print as many as we can get.
- 2) In the next week or two-take a few samples and distribute them to the key people and organizations. Ask for money in the \$100-\$300 range to enable us to produce greater quantities. Some people were concerned that the donor "get" something, possibly including some number of Green Maps, text acknowledgement in the fine print section, or the inclusion of their logo.
- 3) To raise capital for v.2-"sell" a master copy of the map to an organization (Whole Foods Market, for example). Following certain guidelines, they could put their logo or the words "brought to you by Whole Foods Market" on the master, and make as many copies as they want, at their expense.

Personally, I have a problem letting go of production control as is suggested in (3). It also seems like a legal pain-in-the-neck to ensure the public sees a consistent product. I think that part of the value of the Green Map is the integrity of the mapmakers, and their interest in consumer/citizen education and not in self promotion/profitteering.

Any comments on how all you out there have solicited funding without compromising your mission or stumbling ethically?

Athens USA – Lucia Athens - 1996

Information comes from a great variety of sources, including governmental organizations, citizens, and field research (walking the streets.)

We have posted base maps with instructions in our University's hallways for any passerby to give their input...they write down their site suggestion on a sticky

note and stick the note on the map in the appropriate place. This has been very helpful!

Our team is very busy right now what we are calling the research phase of our project. We developed a system whereby each researcher fills out a standard form with info on the site, a reference number for the site, the researcher's name, etc. As these forms are logged in, a pin with the corresponding number is placed on the maps we have posted in our Green Map meeting room.

Dublin IRELAND - Suzanne Tynan <stynan@iol.ie>

We are still trying to figure out how to get around the grossly expensive charges for using an Ordnance Survey map of Dublin - seems as if most of the maps on the market out here are based on Ordnance Survey maps. The cost for using the OS map is prohibitive unless we can find a sugar daddy or mommy to cough up....!

We may resort to a hand-drawn map which would have character, we think, but I am still hoping that somewhere on the Internet there may be another source for a map of Dublin. How has everyone else sourced their digital raster maps for your respective cities?

Canada's Capital Green Map - Bill Royds <az915@freenet.carleton.ca>

There is set of digital maps prepared by the U.S Army Maps service called the Digital Chart of the World. It is 1:1000000 scale so not too good for downtown but it would cover the Liffey Valley fairly well.

Also try the British Ordnance Survey. They might have maps from coverage of Northern Ireland (but they probably charge a lot as well).

Ottawa CANADA - Dr. Peter Stockdale <stokdalr@magma.ca>

We are relying on: the equivalent of the Ordnance survey that is being used by the more local National Capital Commission, maps of the Regional Municipality of Ottawa - Carleton and Communauté Urbaine de l'Outaouais, and then the City of Ottawa. We will also use Landsats for the green leaf area index map that will help define green space. The Canadian Centre for Remote Sensing will provide this.

In other words, piece together what you need from different levels of government. Perhaps the problem may be is that these different levels don't feel that they have a reason to give these things gratis. i.e. What is it that they want to do that you would be helping them do? They may even want to pay you to do these things.

Toronto CANADA - Anna Gibson <agibson@city.toronto.on.ca>

Hi Michele!

You may also want to try partnering up with the city planning department. Our map of Toronto is being funded partially by lots of in-kind support from the City of Toronto - particularly the planning department.

If that doesn't work out - have you tried getting air photos - you can read a lot of information from them and they can be scanned into a graphics program as the base for your map. This is what we are using - and then overlaying all kinds of great information we are getting from our regional conservation authority, parks department and the info we are collecting ourselves.

Do you have the technological capacity to do the creation of the map yourselves if you go digital - or will you be contracting out for that?

If you do go the hand drawn route - have you looked at Doug Aberley's "Boundaries of Home: Mapping for Local Empowerment" and particularly the book "Giving the Land A Voice: Mapping Our Home Places" by... Susan Harrison I think - has beautiful hand drawn maps - of smaller regions likely than Dublin - but good inspiration... and Aberley's Bioregional Atlas of Cascadia Bioregion is featured too - most of BC and into California!

Hi Michelle

Washington D.C. USA

When we first began, the D.C. map project we broke into working groups. One group, the data group, made it their business to think categories. The other groups were, technical (who never resolved the question of how to produce the map), marketing (who worked on budget, fundraising, and questions like should we allow for logos or advertising, and what are likely outlets for the maps - schools and university locator services, stores, real estate agents, conference organizers and tour operations...) Anyway, for categories, we took the Yahoo approach to ontological cross-linking, we try to force things into one category, but if it has to cross reference, well we will.

New York City USA - Wendy Brawer

I like collaborating very much, and have found that letting each person do their job well usually works better than having a committee micro-manage every decision.

Liverpool ENGLAND - Scot Fletcher

Our plan at the moment is to produce the map in three phases. The first phase will be a free 'sampler' map covering the city centre only. This will be available at

many of the sites listed on the map and will give users an idea of the scope of the full map. Uptake of the free map will enable us to gauge the interest in a map covering the whole of the city and we will be able to strengthen our case for funding based on these figures. The map will also be posted on the www at this stage.

Phase two will be the production of a Green Map covering the whole of Liverpool, which will be for sale at a retail price of approximately 2.00 strlg. This map will be advertised in the free version, as will be the address of the web site. The web site will be expanded at this stage to cover the same geographical area.

Phase three will be an extension of the map to cover the whole of the Merseyside region although the area covered will probably be selected on a bioregional basis. It is likely that this phase will take place at least a year after the production of the main map of Liverpool. We hope then to expand the web site to cover this area and to become the front end to an on-line database providing wide ranging environmental information relevant to the region.

I believe that this approach will work because it doesn't require a big pot of money in one go, and it will allow the funders to see a quick result from their investment. I hope that each phase will strengthen the case for the next phase and enable us to secure financial support that much more easily as we continue.

Araxa BRASIL - César Levy Franca

Phase I - By August 97, the core information will be presented to the media and stakeholder groups. The program will be launched within the National Government and Cities Campaign for Local Agenda 21 Initiative and Ecotourism.

Phase II - To organize and finish details of our map and use the electronic and printed version to promote the GM System in Brasil within the context of Ecotourism and LA 21.

Adelaide AUSTRALIA – Cherie Hoyle

We envisage the following process for the development of Adelaide's Green Map:

i) Establish a Green Team of people (about eight) representing community groups, local government, state government, multimedia & info technology industries (GIS, eventual production of Web map) to drive the process, take on tasks and liaise with the community.

ii) Build a database of residents, community groups, property owners, corporations & businesses, city media, educational institutions, people involved with the City of Adelaide's Local Agenda 21 process, tourism organisations,

elected members, State & Local government departments, Adelaide City Council staff and elected members in order to get as wide a range of interests, backgrounds and expertise as possible.

iii) Green Team to encourage the above stakeholders to participate in a series of workshops/focus groups. Green Team to develop and post out a survey for feedback from those unable to attend workshops

Athens USA - Lucia Athens - 1996

For now, we are planning to have our map printed on newsprint by one of the local papers... Our map will hopefully have color. The size is 15 X 22 inches, both sides of the page.

We chose to produce a graphic print map partly due to the fact that we don't have anyone on our team who is a whiz with computers or GIS, for instance. Since we must develop good graphic skills in our discipline of landscape architecture, a graphic map seemed a good option for now. We will hopefully be proceeding eventually to a phase II of the project, when we will add more sites to the map and work with students and faculty from the Geography Dept. here to "adopt" the project and transform it into a GIS digital map.

We are hand drawing our map, and hoping to import the image into the computer. We got our base maps from the geography department, where they have base maps available on GIS. We are also using two other scales of maps, one which shows just the downtown. We blew up our map from a local street map. We also have a map of just the University of Georgia Campus, which we obtained from our facilities department. One of our problems is how to use information from all three maps, which maps to show on the final print map, and how to deal with overlapping information.

Washington D.C. USA - Larry Martin

We don't know yet how we're going to produce our maps. The first one may end up being hand drawn on a light table from another base map. I really would like to find a digital system though flexible enough to alter the size of street names and scaleable. Anybody have any success in this area? I've looked at a lot of different software packages. None of them are flexible enough. This is a sticking point for us.

The D.C. Urban Ecology Map is definitely in process. We've decided to break it into two phases though, the first being a simpler less expensive off-set run on 11x17 standard sized paper. We're going to use this map to generate greater interest in the project from a wider diversity of D.C.'s activist community. From the beginning we saw the map as a tool for involving people in a larger project to affect progressive, sustainable change in D.C. Unfortunately, we also never

attracted anybody except white middle-class educated social change environmentalists. This is not a very representative slice of D.C. so we decided that our first map would be on the cheap, and we would use it to excite other elements of D.C. community with the vision of how a map could be used.

Seattle USA – Curtis Snow - 1998

Planning to start w/a computer database & then move to other forms as possible. I hope to get some base map info from government organizations in digital form but only time will tell how possible that actually is. The regional EPA office has a web site where you can enter coordinates (longitude & latitude) & they will send via email a map with a radius of 2, 5 or 10 miles centered on those coordinates. Very few topographic features unfortunately but it might be a "start". Another possibility is approaching the Defense Mapping Agency (part of the US Dept of Defense) who has a complete global terrain database in computer form. I am sure that this will require a lot of work if it is at all possible. Very likely I will post what I have on the net as the project evolves.

Toronto CANADA - Janis Kravis - 1997

We are looking at working on a digitized base map in the software "Illustrator".

We are hoping soon to have a web site, so that the map can take place and be created in cyberspace. This way, a great number of individuals and organizations will be able to interact with it and comment on its content and make suggestions for additional sites. We welcome comments from all the mapmakers.

New York City USA - Wendy Brawer

In NYC, we used the NYC's City Planning digital street map as the base map (not cheap, but the \$350 gave us the copyright to our map, as long as we credit them on this & future editions) (would have been only \$70 for a non-profit organization) for the third edition of the Green Apple Map (GAM3) (remember, Modern World Design created the first hand-drawn edition back in 1992, but this was our first in 5 years & first to use GMS's Icons).

Will van Roden, the art director of Metropolis Magazine, worked on it in Illustrator, and later in Quark (Mac). He convinced me to leave the city in its proper proportions, and not have a close-up of most active areas, so people could see it as a continuous whole...and actually, the Map was made so two copies can be pasted together very easily, and a big view of the whole city results. We used mostly "natural" map colors, and kept the colors fairly light, so Icons & text would read well.

I could see how tricky it was going to be to put the nearly 700 green sites on it in a reasonable amount of time. I bought a complete street atlas of NYC, it has

about 30 pages at 1:21,000 scale. I went thru all my separate notes, maps and data, and put all the green sites on the atlas. I used colored dots (purple for community gardens (180 of them), (red for dog runs, green for ferry landings, etc.) and put a numbered "balloon" for each of the 310 numbered green sites (these have tel & address listed). I made a count on each page and wrote on the margin the number of each kind of site on that page. I double-checked it all, too. I did this over a weekend, and it turned out to be a good method of consolidating (someday, we'll have to geo-code this data so future editions can be generated automatically).

Will made a separate "palette" of the included icons and all the numbered sites were made into little tags (black number & icon on a yellow tag). Then I sat with Will & page by page, we transferred the green sites on the atlas to the GAM. We used up everything on the palette & checked off each margin note in the atlas, so we know we didn't miss anything. He had to do a lot of adjusting as we went along, dealing with it in separate layers really helps. He saved & even restarted frequently to prevent crashing.

Then he poured all the text in (he had done a test earlier, so we knew it would all more or less fit). We made adjustments, a few edits, and last minute changes were put in (of course, in a city this big, the changes don't stop just because you go to press, I heard of 4 before the proof even came back...(updatability is a real advantage of web-based Maps)).

Then came the cover panel, logo and credits, lots of details took a while. It was finished in Quark then sent to the people at Metropolis who make things press-ready (about a dozen people at Metropolis worked on it). It was really fun, and went so pleasantly and smoothly, it was terrific! The color match proof print of the Map looked great, too....

Problems encountered:

GAM3 went to Metropolis' regular printer, RR Donnelly at the beginning of February. We were given a choice of 2-coated papers, both with some recycled content, and we went for the higher percentage, 50%. GAM3 is very detailed, full color, 1200 DPI, so the printer had to be very careful. Ahead of schedule, it was finished, looking so good, but then, tragedy struck....I had barely had time to open the 6 samples sent to me and dance around for a few minutes of excitement when I found out they were being recalled....a combination of the higher recycled content, the low moisture content of the paper and the heat of the high-speed folding machine caused the folds of the paper to crack as soon as you opened the GAM...it was terribly disappointing and a big waste....it was a heavy lesson about getting a sample made ahead of time. The second choice paper is about 20% recycled & guaranteed, and it went to a company that specializes in folding Maps, so I have my fingers crossed that it will look as good and be more durable than the previous one. They all went right back to a recycling mill, but the waste of 65,000 copies was very bad. We are fortunate that

we don't pay for this mistake, that is between the printer and the first paper company.

(When we made the second edition (December 1992), it was the first time the offset printer had used soy-based ink. It took much longer to dry & that made the job about a week late, as I recall, so allow extra time for delays). My press release is written, cool new recycled map envelopes are printed and I'm ready, hope it is beautiful and will have a very positive reception....and I hope it is in time to be mailed out with Metropolis' March 97 issue (it was!)

Prescott USA

My map will have a bioregional feel to it, including riparian vegetation, topo., geologic, and solar data overlaid with city streets, trails and icons (of course!). Prescott has a long way to go (there are no bike lanes on any streets) and there are only about 2 green stores, though many organic markets, gardens and other sites. Size is 11" x17" paper format

From Chris, Prescott

This grant, if they allot their maximum, would pay in full for the 30k maps I intend to publish. (30k must seem a pittance to NYC!)

New York City USA - Wendy Brawer

I think 30K is a very large number of Maps, actually for a first edition....Our first 2 editions were 10,000 & 10,000...so even if you get some of what you need, you'll be doing really good. Might even be better to plan 2 printings some months apart that allow for updates & more sites...it's up to you. best, web

Adelaide AUSTRALIA - Wendy Brawer

Cherie in Adelaide says they are printing a black & white version of their Map to circulate for last changes & suggestions next week. This is a good idea and I hope will make their finalized Map all the more better...taking this step adds a little time, so needs to be factored in early in your planning.

Malmo SWEDEN – Tor Fossum (There's a complete story by Tor in the How To Participate section of GreenMap.org)

Our local distribution is like this; the map is free, and will be distributed to libraries, information and meeting points. A local housing cooperation, MKB are sponsoring the Green Thread project and have ordered 20.000 copies for their residents!

Pforzheim GERMANY - Olivier Knobloch

After a long time of absence in the discussion, I am back again. In Pforzheim we recognised the importance of a marketing concept, too. It s been some months ago and in the meantime some of the strategies have been realised. There has even been a reprint of 1000 urban eco walk brochures.

At first I want to tell you what we already have done:

- there are regular environmental advice in local newspapers, including a link to the brochures
- the Office of Environment offers ecological excursions for school classes and tourist groups
- my colleagues gave several interviews for local radio stations
- a professional poster was designed, which now shall be hung up in shops, train station, city hall, hotels, libraries, hotels
- schools, other public institutions and environmental groups have been informed
- for the reprint they changed the former cover to have a corporate design (common with the professionally designed cover of the last brochure)
- we found some bookshops and the tourist information who sell the brochures
- we found sponsors for printing

Other things which should be done furthermore:

- include other groups of society in the whole progress of creating the map by offering workshops, etc. to get a higher acceptance
- creating special material and simple experiments for school classes
- offer regular tours (maybe working together with evening school)
- get a link in other maps (bike maps, walking maps, city maps ...)
- have something on the web
- interviews for local TV stations
- get an own exposition or show your map on another exposition
- have a small folder in black/white which can easily be copied
- have special signs at the stations

Pune INDIA - Anand Upalekar

February 2001

Hi everyone,

Following aspects could be standardized while creating a greenmap. That will help us visualise spaces and distances within a map in a single vernacular.

1. The Icons of course are the starting point.
2. The Scale of the map. This should be uniform. If the content is large then the grid system should be used to truncate the sheets.
3. The Sheet of paper (or silk or cotton fabric) on which the map is printed should be in an established Matrix [such as A1,A2,A3].
4. The Green Maps should be Geo-coded so as to be guided by a handheld GPS or at least show Lat/Longs [mine does not since this idea is an after thought]. This will help tourists to navigate correctly without any help.
5. A Greenmap should indicate its life-span e.g. "Good till____" and later update the map after its life

cycle is over.

Bye.

Anand Upalekar. architect planner. PUNE Greenmap

Montreal CANADA - Douglas F. Jack <eco-montreal@mcgill.ca>

Rural Green Maps Date: Sun, 11 Feb 2001

Hello green mapping folks,

One of the best books on Green Mapping is 'Boundaries of Home' edited by Doug Aberley available from New Society Publishers on Gabriola Island in British Columbia, Canada. This compilation with strong applications for rural mapping focuses on Bioregional concepts of mapping, has strong technical articles and leads to green mapping in its most organic form.

Readers will also be interested in the Aboriginal Mapping Network at www.nativemaps.org Eco-Montreal has some interesting work developing on 1. mapping of organic farms and 2. mapping of first nation villages and placenames in the Tiotiake region pre and circa-conquest. I hope that all the green maps will find the native names for their regions and develop mapping layers about First Nations communities. Worldwide our understanding of "indigenous" (Latin for "to generate from within") life is the strongest tool for sustainability. Solidarity with aboriginal communities is really alignment with our own gentle and sustainable selves.

Douglas Jack, eco-montreal@mcgill.ca Coordinator for Eco-Montreal Tiotiake green mapping www.mcgill.ca/eco_mtl/eco_montreal.html

26 Feb 2001

Have groups in the Green Map System made arrangements with ESRI or other GIS software manufacturers?

To folks in the Green Map System,

Eco-Montreal has been involved with GMS since 1994. We are making a proposal to ESRI, Environmental Systems Research Initiative about their provision or reduced price on Geographic Information System GIS software ie. Arc View or Arc Info software for mapping in our region and other support possibilities. We already have an ArcView mapping format but in co-operation with McGill University's School of Urban Planning which has hosted student mapping teams for the past six years. The local ESRI manager suggested that we find out has been arranged in other cities of the GMS system to see what models might have developed.

San Francisco apparently has had co-operative support from ESRI in their mapping. How have those GMS groups using ESRI Arcview or other GIS softwares, developed arrangements ? At Eco-Montreal TIOIAKE we are looking for some kind of reciprocal relationship or trade if possible.

TIOIAKE's 2001 initiative is mostly the mapping of First Nation villages and placenames. We have had a class recently complete a Coordinated Conservation Plan for the west island region here. A class is also creating a social portrait for one of the poorest districts Park Extension of Montreal. We have lots of material to add to our website www.mcgill.ca/eco_mtl/eco_montreal.html A member who has become director of the Climate Change Hub for New Brunswick is coordinating a GIS mapping of Energy Efficiency and Climate Change. This has been set up as a potentially three city collaboration with Montreal and Durham near Toronto. I have a requested from the regional ESRI Environmental Systems Research Initiative office, producers of Arc View, Arc Info Geographic Information System GIS mapping software and other softwares such as Avenue Programmation, web server technology etc. for support including:

1. Training of Eco-Montreal workers in ESRI softwares. This might involve classroom training or apprentice opportunities with groups or corporations using GIS software.
2. Non-profit organisation prices or donations for the software.
3. Investment in green mapping initiatives and the linking of school (usually geography) projects with ecological portraits and organisations as community relevant and educationally inspiring material.
4. Involvement in an advisory capacity on Eco-Montreal's board. The local manager was very interested, going further than our scheduled meeting to discuss aspects of Eco-Montreal ecology and the GMS. The manager is making his own inquiry to support possibilities but suggested that if any cities or regions of the GMS have established partnerships with ESRI offices that this would help expediate his own research and provide a model to follow. Have any cities or regions in the GMS developed partnerships with ESRI or other GIS software manufacturers?

New York City USA - Wendy Brawer <web@greenmap.org> Mar 2001

Mid-Michigan is Published! Video Request!!

hi Mapmakers,

Good news from Gayle Miller in Mid-Michigan USA, they are now published! Wow! This map covers 5 counties, so it is a big area, and we're looking forward to receiving copies soon. Congrats to Gayle & all involved!!

This weekend, a new count of published & completed projects will be made, so hopefully, we'll all know!

Now about video: The Robeson County Green Map project is very nicely covered

in 5 minutes of a longer video on racially diverse communities in North Carolina by PBS (public broadcasting tv). As we watched yesterday, we talked about other 5 minute green map videos we'd like to see:

Yours!! Some of you might have professionally made Green Map videos, others may have more "home-made" versions. The scenes could include the places on the map, the people charting the map, etc, and will show some of the most important things about your projects.

Please send us your short video! We want to make a tape of all these put together! Our initial plan is to show it at the Launch of the LoMap (especially as we have a student team making a video about this project, and we have the Oxygen Media piece & also footage from the Brooklyn Waterfront youth map project), on April 26, and we know there will be lots of opportunities to show this video here there & everywhere -- your presentations, funding requests and other outreach could be enhanced greatly with this video.

We will make a copy of the compilation video for everyone who sends in a tape ! We will also try & figure out how to make it broadly available, perhaps on the website, definitely on tape! ! Be creative & share ideas about this on this listserver! I hope we'll hear from a good mix of Green Map projects in response to this request! Let us know what you think about this, or need help, etc!!

many thanks to you all! best, web

Green Map System

8 May 2001

3 new Cities! Welcome Beijing, Stavanger & Salt Lake City!

Hello Mapmakers,

Beijing joined us last week, Li Zhengxin, a cartographer, will be working with Beijing Dipper Publishing Consulting Co. & Beijing Municipal Publicity and Education Center for Environmental Protection to produce a printed map & poster by the end of 2001, interestingly, this project has 2 objectives, both to promote environmental understanding and to support Beijing's Green Olympics bid for the year 2008! This is our 19th capital city, & the map will be in Chinese & English!

Portland USA - Jason King <jking@mep-pc.com>

seoul/chicago green maps Date: Thu, 31 May 2001

Also the Chicago project is exciting. We toyed with the idea of doing the map neighborhood by neighborhood after doing our pilot project, and i'm thinking that's still an exciting idea to do, seeing as there is such a strong neighborhood

involvement here. Fun to build up to a whole.

Take care all. jason king portland greenmap

New York City USA - Wendy Brawer <web@greenmap.org>

New Maps All Over! Date: Sun, 17 Jun 2001

hi again, everyone,

Seattle is just getting underway, but has veteran mapmakers Lucia Athens (of Athens Georgia's 1996 green Map) and TJ Moore (Of San Diego's 97 project, which ended without completing the map), along with several others. They had big black & white maps of the city & colorful dots with an icon & number on each, and people stuck them on and wrote the number and description on separate pages. They collected about 100 sites in an afternoon this way, and found lots of possible partners for the ongoing effort -- both City and citizen are involved. There were 3 events while I was there. Between this, seeing old friends, having a couple of meetings, etc, I was a bit tired when I got home. It was all terrific, though.

Cheers! best, web

Woodbury USA - Renee Murray <staff@sowashco.com>

Ideas for our "Green Map" booth at festival Date: Sun, 17 Jun 2001

Fellow Greenmappers:

Last year our group (League of Women Voters of Woodbury, Minnesota) held a very successful green map "input session" at our local annual festival. Many, many people identified their favorite city "green spots" on a large map and we incorporated their input into our final map.

Renee Murray

I was really impressed to receive such a informative mail directly from Toronto. Thank you very much!

Your e-mail is something very special for me because I owe a lot to you! When I was designing our base map, I was very much "inspired" by the Toronto map that I got from Wendy.

You used a satellite photo as a background image of the map with major roads given contrast to the image. I thought the map was really great because the green network is clearly visible on the map. It is impossible if you use regular

base map. Learning from Toronto, we used photos taken from an airplane and put a layer of road pattern on it. The result; quite a success. I had to refuse a request from a gentleman who wanted a map without greenmap icons.

Adjustment of photo image was really tough job on computer though. Although our first version is very much incomplete, I want you to have a look. I will send you a copy of sample map via mail.

Thank you very much for your good advice about the way Toronto maps are given... from behind the counter... I think it is a good idea! It will avoid to be wasted by those who don't really need the map. I think we could take a similar way.

I really appreciate your kindness.

Cheers,

Masahiro Horiuchi Setagaya Greenmap

Portland USA - Jason King" <jking@mep-pc.com>

School involvement in mapping Date: Wed, 22 Aug 2001

Hi list. I thought i had cc'd the list on this one. The idea of involving schools is great, and it works great with a method of mapping that we've been doing recently. Below is an explanation...

Wendy.

That proposal sounds great, and it would work great with the way we are developing maps for Portland. A few months back, we did a quick assessment and decided a couple of things that were lacking for us were 1) community involvement in mapmaking/data collection and 2) lack of local resources for filling in our resources gaps. What became of this was a transition in how we are approaching the mapping of our city.

While the overall goal is still production of a city-wide map, we are facilitating neighborhood-by-neighborhood mapping of the city as a way of focusing in on specific areas, involving community members, and better using resources. Each neighborhood project will result in a neighborhood map, similar to Sabin (our pilot project). The deal so far is that we (portland greenmap) cover administrative costs, and the printing is up to neighborhood mapmakers to fund or secure funding for. Each of these will be folded into the larger context of the city-wide map.

Currently we have two active neighborhood projects, Lents Neighborhood and Hosford-Abernethy Neighborhood. We chose these as good ways of developing

a process. Since announcing the neighborhood mapping project, we have been contacted by 10 other neighborhoods interested in starting a map process in their area. It's great, because neighborhoods are such a strong component of Portland, and each neighborhood map can reflect the overall nature of the residents and local mapmakers (consistent with GMS goals).

Another great result has been making connections with other groups working in specific areas, and we are currently developing some great partnerships. Essentially it's been a great step for us. so the link... One thing that is consistent with all neighborhoods we have spoken with is a desire/need to have the schools actively involved in the mapmaking process. One neighborhood is structuring their map to be driven by the local middle school, and hopefully funded by the PTA. We think it is a great asset to have teachers and schools knowledgeable in aspects of green maps, because they have the ability to generate great support, round up volunteers, provide great visibility in the community and make funding a lot easier. So i think it would be a great idea, and we'd love to be a part of this exciting news, especially as a Another of our organizational goals is to be more connected with GMS and utilize the resources that you have, and this would be a great step in that direction as well. Please let me know about any issues, and keep me informed of the proposal. Thanks. jason king portland greenmap www.portlandgreenmap.org

Thanks to Douglas Jack in Canada for this very interesting response to the online conference questions...amazing & wonderful work!

I am coordinator for the past eight years of Eco-Montreal Tiohtiake Green Map www.mcgill.ca/eco_mtl/eco_montreal.html. This past year we have returned to our heritage roots with our efforts to support First Nation communities of the Greater Montreal region Tiohtiake. Our computerized Geographic Information System GIS mapping has been developed with the participation of various departments at McGill University. The involvement of over 70 students and many professors from many different McGill departments, Montreal and international Universities and colleges has been an important resource in the development of our mapping over these years.

We have developed many treatments for ecology in Tiohtiake at the neighbourhood, district, regional and super-regional level over the years but this year finally came back to one of our founding goals and supported the Kahnawake and Kanehsatake communities in mapping the greater region as well as local community native placename mapping. We feel that this work opens the door for an important baseline for understanding of First Nation heritage and sustainable development in this region. This past year, eight researchers at the post-doctorate, doctorate, masters and bachelor level have collaborated with these First Nation communities to compile archival material and verify sources from oral tradition. Over thirty First Nation elders met many times this summer to compile this knowledge. We have been working from available archive materials

but with the leadership and verification of the oral tradition through elders.

Our first report is written in French (a Universite de Provence, Marseille, France student) describing the Tiohtiake mapping and participant objectives. This 60 page work is in the process of correction and translation. We hope that it will be made available on the web in the coming months. Other students are continuing details on plant names and Kanehsatake community mapping in GIS.

First Nation mapping can be seen from <<http://www.nativemaps.org>> by the Aboriginal Mapping Network. Excellent guides can be found in: - Another America, Native American Maps and the History of our Land by Mark Warhus, 1997, St. Martin's, NY - Giving the Land a Voice, Mapping our Home Places edited by Sheila Harrington, 1997 Salt Spring Island, BC - Boundaries of Home, Mapping for Local Empowerment edited by Doug Aberley, 1993, New Society, BC.

Eco-Montreal Tiohtiake has hired 20 students in past years on Young Canada Works, Human Resource Development Canada, Student summer hiring programs Quebec, Environment Quebec, and Volunteer Support Quebec funding programs. This summer due to family constraints (a young child at home on my part) the Tiohtiake team came together solely as volunteers. Eventually we need to find ways of integrating ecology into the economy.

Presently I'm realigning myself with a Coop la maison verte ecological products store now with 900 family members. I'm helping this group develop the resources through Participatory Accounting. I am being hired to implement Human Resource accounting for the 900 families (2200 skill sets) as Consumer, Worker, Supplier and Founding members into a kind of green investment and exchange system. When we recognize and valorize each other, we allow the whole community to become involved. This work is based on analysis and implementation of First Nation (Iroquois) economic practices. Time-based accounting was the economic foundation for First Nations throughout the Americas. In the North-east this was exemplified through the Iroquois, Kayoni calculator (Wampum) and in Peru through the Quipu calculator. There is evidence of these 'Time-based Accounting' or calculation systems being used throughout North and South America. This new capacity and alignment will provide a better foundation for the green mapping here.

In Australia a year ago 450,000 people took to the streets of Adelaide and Brisbane in support of Aboriginal reconciliation. We need to get this return to our roots on the agenda here in the Americas.

For a green community, First Nation alignment is a key source,

Montreal CANADA - Douglas Jack, <eco-montreal@mcgill.ca>

(514) 364-0599
Indigene Elemental Design

Thanks to Douglas Jack in Canada for this very interesting response to the online conference questions...amazing & wonderful work!

New York City USA - Wendy Brawer
<web@greenmap.org>

New Green Map Resource Available! Date: Wed, 28 Nov 2001

Hello Mapmakers

This month, we are finishing a new resource. It's based on the process we developed to create LoMap, the Lower Manhattan Green Map project that involved 250 kids earlier this year. The kids were from a multitude of neighborhoods and age groups, so we are calling this the Multi-Map Model.

Unlike our other youth tools where kids do all the work, Multi-Map has youth-authored text and drawings, but the editing, design and dissemination is by adults. A large number of kids were involved briefly, but they get the benefit of a sophisticated peer-to-peer guide. There are many other positive outcomes, including an online map, like LoMap's at: <http://www.greenmap.org/lomap>.

The Multi-Map Model is almost ready for testing. We hope someone in the Mapmaker's Network will be interested in using it in their own community to make a similar type of Green Map. It's actually a fairly complicated project, with a timeline that can begin early in the new year with planning and grant writing, and then run through the school year to completion.

If you are interested in this, please let us know! We consider a test in another community very important to this project, and can help with some aspects of it, regardless of your location. We want to add your experience & outcomes to the Model before it's more widely disseminated.

We think it's a great way to have a community-based Green Map project, yet offers tools so you don't have to invent everything needed yourself. If you have kids in your community that need to get connected with the environment, please consider this project: read the description below if you are interested in knowing a little more. More info available!

Thanks Mapmakers! best, Wendy

This lively technical assistance tool will lead future Multi-Map Project Coordinators through all the necessary mapmaking stages and provide templates for outreach materials, engaging activities and development resources, including:

- overall project planning;
- community involvement: interacting with teachers and youth group leaders;
- designing in-class orientation sessions, and follow-up group assessments;
- map design options and planning for folding maps as well as digital ones;
- selecting sites for the final map, assembly and publication of all elements;
- map launch events, public and press outreach;
- project documentation and assessment;
- and providing GMS, funders and all youth groups with local Multi-Map outcomes.

New York City USA - Wendy Brawer <web@greenmap.org>

New Year's News! Date: Wed, 2 Jan 2002

Hello Mapmakers and happy new year to everyone!

Today is the second day of the United Nations International Year of Eco Tourism, so let us hope all who are involved in this field become more aware and responsible to the eco-systems of the world. I found a couple of interesting resources, the first a manual, and the second about mapping renewable energy sites.

<http://www.uneptie.org/pc/tourism/documents/ecotourism/manual.pdf>

http://news.bbc.co.uk/1/hi/english/sci/tech/newsid_1724000/1724194.stm

So all the best as we enter the year of 2002! cheers, Wendy

New York City USA - Wendy Brawer <web@greenmap.org>

Mapping news & some free resources !

Date: Thu, 10 Jan 2002

Hi Mapmakers,

I received email on <http://www.Geography.org/sustainable> yesterday. There are lots of good (and free) resources for students (all ages) listed on this website & an interesting exhibit possibility related to the United Nations sustainable development conference in August in Johannesburg-- we will be following up for GMS on this end, but I encourage you to contact them yourselves, too. see clip below for a bit more info...

Marco Kusumawijaya of Jakarta wondered about my use of the word "Multi-Map" in yesterday's message -- he wrote:

"We are thinking about doing maps simultaneously, but separately (to be printed on different pieces, perhaps also in different stages in the beginning), on several different neighbourhoods in Jakarta. If we do this on the same base map, with

some coordinating standards features, later we can easily compile them together into one big map. Is this a "multi-map" exercise?"

I love your plans, Marco! This is different from what I meant, though. In November, before you joined GMS, I announced we were almost done with this new cross-community mapping model, based on the process we developed as we created LoMap (Lower Manhattan's youth authored Green Map, as seen at www.greenmap.org/lomap). We named the model manual the Multi-Map Manual because multiple age groups/interests/neighborhoods can take part. Now that Phase One of the Manual is done, Mapmakers are welcome to "field-test" it, with the hopes that their outcomes and experience will be added to the manual before it has wider dissemination. So far 3 US projects will test it, others are welcome to try it to (it has an 18 month timeline, which can be compressed).

Sacramento USA - Ian Oeser <sacmap@yahoo.com>

Internet bulletin services Date: Fri, 5 Apr 2002

Congratulations to Japan Maps on really pulling together!

I have one brief suggestion for mapmakers for how to advertise and search for volunteers for free. Use Craigslist.org (Note "other cities" option in top right corner) to place bulletins. There are about 10 US cities and 2 Australian cities where this service is targeted. Are there any other web-based resources such as this that we should know about?

-Ian Oeser, Sacramento California Map

New York City USA - Wendy Brawer <web@greenmap.org>

Re: Internet bulletin services

Date: Mon, 8 Apr 2002

Craigslist.org is a good idea, Ian. Some other websites we have used to find interns:

idealist.org has over 6000 volunteers wanted posted now, know they get 20,000 visits per day. more North American:

orionsociety.org (GMS is a network partner there) sustainablebusiness.com
volunteermatch.org (this is US only - but big!)

It's a good idea to ask for volunteers in your materials, press releases, website, etc. Send requests to local universities, too (be clear about the skills you seek here).

We have better results seeking interns than volunteers around here, as interns expect regular hours and some months of commitment, while sometimes,

volunteers are more casual.

Do others have suggestions?

best to all, Wendy

Portland USA - <info@portlandgreenmap.org>
Icon format, etc.

Hi Shelly

We only included information on our map that we fact checked...and we still had errors!! It is very challenging to have all of the information be 100%. So we did include a legal disclaimer and asked people to contact us with corrections, which they did. We also did an evaluation survey after we had sent out the maps. We got some great feedback from this and will be using it as we put together our next edition this year.

Cheers Anna

Anna Gibson Executive Director Green Tourism Association

(416) 338-5085 Fax: (416) 392-0071 590 Jarvis St. Toronto, Ontario Canada
M4Y 2J4

Sacramento USA - <sacmap@yahoo.com>
Workshops Date: Mon, 6 May 2002

To the GM Listgroup:

We (in Sacramento, CA) are trying to set up a schedule of 'Kick-Off" workshops that will be needed to inform participants and get each phase started towards putting together a GreenMap in the next year. Please review our tentative list below, and offer any suggestions your groups may have. Workshops: Graphic Design

Analyzing Examples of Map and Website Layouts, Brainstorming Local Considerations Synthesizing Map and Website Layout for Local Needs Base Map Construction Adding Layers Publishing Planning

Data Layers

Define "Green Sites" Planning – Target Sites & Associate Orgs Collecting Information – for groups and organizations Collecting Information – for members and individuals Creating Exciting and Useful Layers Open House - Community Response Presentation

Organization

GreenMap Project Committee & Steering Committee Creation & Planning
Funding Future Projects and Editions

(Thanks to Liverpool's (Andrew Dix, ECD) description of their process in the GMS archives, it really helped lay a foundation.

-Ian Oeser, Sacramento GreenMap

New York City USA - Wendy Brawer <web@greenmap.org>

Newest News Date: Thu, 19 Sep 2002

hello Mapmakers,

I'm glad we have our Agenda discussion underway & I hope many will reply to Bob with their comments so we can build up our understanding of the outreach & communications for Green Mapping - we're hopeful that this method of dividing the topics into separate weeks is conducive to a good exchange of ideas! it's good we have time for several more topics before the trip to Italy. Looking forward to your comments!

I'm so happy to say I have 2 more new Green Maps on my desk!

One is from Hamilton NZ, and it's very lively & colorful with great use of large icons as the graphics. Liz Bell & colleagues at Hamilton City Council and Community Environmental Programme have also made a website version (with handy PDF) at <http://www.hamiltoncity.co.nz/cep> - they also created new symbols for gully networks (where rivers have cut gashes into the land, now biodiverse but neglected), Maori sites, and enviro-schools. Congrats on this great new Green Map!

and from Japan, a 10 year old student made a Green Map her summer vacation project of her neighborhood in Wadabori (near Tokyo). Working on her own (with help from her Mom), she produced both a well-drawn map with photos of 20 key sites! I'm so pleased to have this map & suggested ways to continue the project next year. We also received a big & exciting book from Japan on Pictogram & Icon design, and yes the Green Map Icons are included! Thanks so much to Misako Yomosa for arranging our inclusion and sending this detailed book and recent articles about the Kyoto Green Map too.

We have an interesting new project underway in Paraiso, Costa Rica - there's a new eco-agriculture center going in and the Mapmaker, Addison Raab (who is still in high school in Vermont US) has been spending a lot of time there. The Center will train both local Costa Ricans and visiting university students in organic farming, etc. Welcome Addison & team!!

The intersection of food & Green Maps is an important one, and I wanted to mention the terrific "Mapping Food Matters" workbook created by GroundWorks Learning Center in Victoria BC, as part of their Green Map/community mapping project led by Maeve Lydon - if you want details on this or Maeve's recent thesis on the subject, her email is <groundworks@telus.net>. When she showed the workbook during our meetings in Portland OR last month, it was well-received and cost \$US10. We have a few copies in NYC - or write Maeve directly for a copy.

all the best, Wendy

New York City USA - Robert Zuber <r_zuber@hotmail.com>

First Bellagio Responses Date: Wed, 25 Sep 2002

Our Bellagio listserv discussion has gotten off to a bit of a slow start, but I did get two fine responses (conversation starters) from our Mapmakers in Chicago, US and Pune, India. I have edited and summarized their responses for you. I apologize in advance if I left out something important. All responses will be archived for use in Bellagio. Please "chime in" whenever you can.

Pune Anand Upelakar

In the first Pune Greenmap of India - July 2000 - not many NGOs were invited to share their inputs. Pune is an action-city and whenever possible I informed congregations of Planners and NGOs at various events about the up-coming Pune GM. As people saw the Pune GM at various forums, inquiries popped in which are resulting in a new version of the Map with the total City area taken into account.

This map (PGM-2003) shall be ready Nov 2002 and presented in Bellagio. Paper maps were not available anywhere for sale, but we did print Silk maps and have charged for them. We have received requests internationally as well as from within India for the Silk maps. The Pune Green Map cannot be called a Community map because it was created single-handedly. I felt confident because Town Planning Consultancy and Mapmaking using GIS techniques have been part of my profession.

But I agree that a Greenmap has to be a Community involved statement. The Statement must have the strength to counter some of the Statutory Planning Solutions prepared and endorsed by government agencies. In this sense GMS with its Network can play a vital role, first by establishing more in-depth rules for a map to qualify as a Greenmap. Mapmakers and the community would always need to be guided by a set of rules: Compulsory use of already established GMS icons. A presentable color scheme 3.. A matrix of Map-Sizes. 4.. A uniform scale. 5.. Presence of a minimum of 15 items from Icon list & places. 6.. A brief

note on the site location on Icon-Tag; Number. Next would be to see that the Greenmap gets widely and correctly distributed. This can be achieved if the Map gets printed in the shape of a poster and then placed at Cafes, Public Plazas and sites of intellectual/public debates. It is also important for each project to set up a URL and invite public comment and response to the Map.

Greenmaps are created by Adults, Professionals, Children and Govt.bodies. This latitude is "great" because it brings out real creativity with a basic common objective: "socio/eco-ambience-as-we-always-wanted-it-to-be" Under this scenario - there are high-end Greenmaps with high-tech complexities, as well as low-end products. We must ensure that creating Greenmaps should not be restricted to the most technologically able. A Greenmap is also a Community Statement and therefore it must offer space for ordinary people (without any computer aided design background) to make their presence felt.

Chicago Cindy Copp USA

In terms of public outreach, create press releases to generate interest and publicize the project in its initial stages. A resulting story can include a map showing your geographic area of interest along with a reply form to send in your ideas. During information gathering phase of the project, can set up a website with a base map that allows people to send in their ideas. Leave forms at "green places" that people can fill out and send back with their ideas.

Form a committee of persons ("movers and shakers") in the community, and get them to network with their contacts, and fully involve them in all aspects of the project. Give them a map, and icon definitions, and a data table to fill out. Ask them to carry it around with them, and fill in as they see places when out and about. It keeps it on their mind. (particularly good for scenic views).

As a non-profit that has worked on sustainability issues for 30 years, we have a large network of non profits, city agencies and community groups. Our focus is more on information gathering and dissemination to promote sustainable development among the community members, and less on tourism. Spreading the word through local city agencies will provide exposure and info for our map. We plan on getting city endorsement of our map at the funding proposal submission stage. We will get city agencies involved with launch date and that will generate more interest /press at launch.

Depending on what funding we get and what kind of relationship we can build, we plan on involving Chicago public school kids at one of two levels. Either 1) Work with one school in each of Chicago's 77 community areas. or 2) Work with all kids in a particular grade citywide. We are going to prepare a little study unit / informational packet, and get the kids to identify places in their neighborhood. We have the idea of having some kind of contest (kids totally get into that), with a

"green field trip" awarded to the winners. Getting kids from across the city together for a field trip would be a really interesting experience I think. Plus, I think this field trip would make a great story on the local news, which would then generate great press for the map.

In terms of communication, I think that mappers need to pay equal attention to the design of the maps as to the data content. The maps must be very well designed and presented as they contain so much information and so many different icons. Very careful attention must be paid to presentation of the information.

Oxford ENGLAND - Craig Simmons <craig@bestfootforward.com>
Oxford Green Mapping Team Date: Thu, 26 Sep 2002

Hello Green Mappers.

This short email is to introduce the Oxford Green Mapping Team who are planning to map Oxford, England.

The first question that arises is one of map copyrights. We are planning to draw our own map from scratch but will obviously be referring to existing maps and aerial photographs. I am assuming that this avoids copyright problems? Anyone else have experience of this - especially in the UK?

Cheers

Craig Councillor Craig Simmons Oxfordshire County Council (St. Clement's Division) Oxford City Council (St. Mary's Ward) Green Group 41 Magdalen Road, Oxford OX4 1RB. Tel: 01865 202257 Email: <craig@greenoxford.com>

Niagara CANADA- Nathan H. <nathan.hercanuck@regional.niagara.on.ca>
Niagara Region Green Map Date: Thu, 26 Sep 2002

Greetings from Niagara, Well I'm happy to say that after a somewhat slow start the Niagara Region Green Map project is well underway. We have almost all of our base data collected and are now playing with the overall map design. Although we believe we have a good start I'd like to pick the brains and get the benefit of experience from other mapmakers who have traveled down this road before. So I have a few questions I'd like to ask.

Was your region's/city's green map created to help/compliment your area's overall environmental plan?

Were there any secondary initiatives or other beneficial outcomes(strategies, resources, consultation, media, press) that arose from creating a green map for your area?

What strategies or sources have you identified to help sustain the green map project and future editions?

Thanks a lot for your input and please don't hesitate to contact me should you have any questions or just want to chat about mapping.

Nathan Hercanuck, B.Sc., GIS Cert. Regional Municipality of Niagara Public Works Dept. 2201 St. David's Rd. PO Box 2201 Thorold, ON L2V 4T7 (905) 685-4225 ext. 3726 <nathan.hercanuck@regional.niagara.on.ca>

Burlington USA - David Lustgarten <lustgart@champlain.edu> To: Craig Simmons <craig@bestfootforward.com>
Re: Oxford Green Mapping Team

Hi Craig, I'm writing from Burlington, VT, USA in response to your copyright query. We drew ours from scratch, but used a street map issued by our local department of public works as a template. We obtained permission from them to do so, and it was not a problem, as that is public property. I would advise you to do the same. This ensures as well that you have the most up-to-date information that is "officially" available. We also found that the DPW has water plan maps, which are tremendously useful for reference to topographic gradients. Good luck, and feel free to contact me with further questions on which I might be helpful.
Cheers, D.Lustgarten

New York City USA - Wendy Brawer <web@greenmap.org>
Re: Oxford's & Niagara's questions Date: Mon, 30 Sep 2002

Hi Mapmakers,

I wanted to reply to Craig's & Nathan's questions (thanks for introducing yourself, by the way!)

In the US, map copyrights are also a sticky question. Supposedly it must be 10% different from previous maps to obtain a new copyright. There is an expectation of new cartography, not just tracing of old maps, too. Copyright law is different everywhere, perhaps a search online of your government's related webpage would reveal the answer.

You also asked about kite flying icons - the new edition of Singapore's Green Map has a nice, straightforward symbol for it. Perhaps it can be scanned and used - what do you think, Soon Chung??

Other local icons are online at http://www.greenmap.org/lhome/ocal_icons.html

best, to all, Wendy

Kyoto JAPAN - Misako Yomosa, Kyoto Green Map: <http://www.greenmap.jp/>

First we made small test maps and distributed them to the participants of an Earth Day event to get the cooperation of researchers. After we got together groups of researchers, we gave them investigation sheets of each area of Kyoto & also post cards so they could send the research information to us easily. We had a meeting at least once a month to check the progress of each area and also sent researchers newsletters and post cards that told about our progress and the need for more information. Sometimes we held research tours to many spots in Kyoto. It was a lot of fun. We also asked a lot of NGOs in Kyoto to share with us their special fields of expertise like wildlife, nature, environmental problems, traditional products, architectures, etc.

By making the Kyoto Green Map, I got to know a lot of environmental NGOs in Kyoto. Even now I can have been involved with the trials of addressing Kyoto's environmental issues like eco-transportation and garbage problems, including submitting reports to Kyoto city, etc. I think Green Map is very good as a starting toolkit for raising the environmental movement and activities to the attention of the general public . But, I think it's not enough to complete only the map. To act to substantially improve the environment is more important.

I feel that it is so interesting that there are more types of Green Maps published recently. Some were made for the conservation of nature, some were focused on community re-building, some were for promoting eco-tourism, etc. I think that GMS is a bit like an Operating System for the computer. By using this OS, people try to make many kinds of Green Maps with diverse software (depending on their interests).

About the design of icons, I think some icons should be re-designed to be more clear and understandable. Specially designed local icons should be introduced with descriptions of their meanings. At some point, we might also be able to construct an environmental sign (perhaps a kind of billboard) system that tells people the environmental condition of their own city, including warnings, challenging spots, etc.

We need to discuss the central role of GMS. As most of the Mapmakers don't engage in GMS as a full-time job, there is a limit to our ability to treat everything well.

Green Map, Guide to Thailand's National Parks (2001) David Tarrant:

We engaged the services of the World Wide Fund for Nature to manage a survey of Sustainable Management Practices at a selection of Thailand's National Parks. Due to the technical nature of the project we selected individuals familiar with forest management to undertake the survey. In all 50 Thai nationals participated in conducting the survey and we offered the results as an important benchmark

for sustainable practices. Further we ran an art competition to design the front cover of the map and invited school's to participate. The resulting entries were judged by the Art Directors of the Tourism Authority of Thailand and the Post Publishing Public Company (Publishers of the Bangkok Post Newspaper and Student Weekly amongst other titles).

Post Publishing supported the project with interview features in both the Bangkok Post newspaper and the Student Weekly magazine and distributed a copy to each of their subscribers (in total 65,000 copies). The Tourism Authority of Thailand distributed the map free of charge to their member travel agents and associations (20,000 copies) . Ford Thailand distributed the map free to their existing customer base, provided a free map in every vehicle sold and gave the map away as a gift at exhibitions (60,000 copies). Conoco Jet Jiffy retail fuel outlets offered the map for retail sale, discounted from the recommended retail price to their customers (20,000 copies).

For the most part and for a variety of reasons, our community does not have a history of map use, preferring more verbal directions. That said, the responses from the community have been highly positive with many Green Maps being sold to first time map purchasers. So far, our most responsive community group is the education sector, with the map providing benefits as a teaching tool and being increasingly viewed by teachers as valuable curriculum support.

I think it would make sense for GMS or individual Mapmakers to partner with media groups such as Newspaper and Magazine Publishers, Radio and Television, mostly by offering tailored programs. Green Maps can be assembled for public displays in major community locations. Permanent but updateable displays help to sustain awareness of the Green Map, the educational program, local sustainability activities, and more. It is possible to link with industry and commerce to run competitions as fun and educational activities. (For instance, telecommunications operators who normally offer pre-paid calling cards can offer cards with icons and description of resources as collectors items or as part of a fun game.

New York City USA - Robert Zuber <r_zuber@hotmail.com>
Bellagio #2 response Date: Wed, 16 Oct 2002

Our pre-Bellagio listserver discussion has been moving very slowly this week. We'd still like to hear from as many of you as possible, especially those actually attending the Bellagio meetings.; Please let us know if you need to have questions re-sent. I did want to share a bit of what Misako of Kyoto wrote us recently. In terms of maximizing community impacts, Misako's project has been particularly clever.

She has done what seems to be very sound practice, tying the first of her maps to an important international event taking place in her city (the UN Conference on

Global Warming) and tying the second map to work that she and her colleagues have been doing for some time (eco-transportation). Misako's remarks have been edited slightly, since she sent them to us in between her many projects. I hope that I have captured her meaning.

In our case, as we made the first Kyoto Greenmap when the UN Conference on Global Warming was held, and the media, other NPOs, etc. had been paying attention to our mapmaking activities for some time. In addition to mapmaking, we were able to introduce environmental activities and many of the local NPO groups to non-Kyoto people (foreigners, etc.), a strong showing of Kyoto environmentalists in the host city.

During the Conference, we led an eco-tour, observing destroyed or challenging sites by using the Kyoto Green Map. We also had an exchange workshop with NPO participants at this conference. This project was also the first Greenmap that was completed in Asia and we could propose unique local icons to the workshop participants and, later, the Greenmap network. In our mapmaking and tour, we especially noticed that Kyoto has a lot of traditional craft industries which produce rather forgotten alternative products (not mass production, good for recycling, re-use) like bamboo works, laquer works, Washi works (Japanese traditional paper), etc.

In the case of the bicycle map, I have been involved in eco-transportation issues of Kyoto city since 1997 and have been planning how Kyoto can make an eco transportation system for daily transportation tourism as a core member of Agenda 21 Forum. Kyoto is not planned at all for adoption of an eco friendly transportation system, even though a lot of people come here from all over Japan. Kyoto doesn't have convenient availability of public transportation, bike use, and other services. There were a few bike parking areas and a rental cycle system in Kyoto city. In the process of my eco-transportation activities, I decided to make a bike map as a trial a step to facilitate the bicycle usage and tourism in Kyoto. We asked the bike association to make bicycle repairs available before we plotted the repair sites for the map. We proposed that some hotels allow guests to be able to use bikes for free before we plotted the "bicycle available hotels." We asked some shrines and temples to set up bike parking, and we gave some rental cycle shops incentive to promote bike the tour, etc.

Afterwards some members of our bike team generated a new cycle rental and Velo taxi business. The business runs well now. So I think that this bike green map project made a small step towards substantial change in this city, and it continues to do so. I think Greenmap is a good media to change things.

Seattle USA -T. J. Moore <tj.moore@mindspring.com>
Online Community Asset Mapping Projects of Possible Interest
Date: Thu, 15 May 2003

Asset mapping projects from LA that I thought might interest some of you:

Living Independently in LA (LILA) <http://lila.ucla.edu/>

Neighborhood Knowledge Los Angeles <http://nkla.sppsr.ucla.edu/index.cfm>

These projects appear to be relatively participatory in nature, and promote active learning through the opportunities available with emerging Web technologies out there. The mapping side of things is impressive, too, from a technical standpoint that it can be done, but the sites show some of the challenges to online mapping from the perspective of cartography! By looking at www.greenmap.org, though, I see that a number of green mappers have been working hard to address those challenges! Hurray! TJ

Seattle USA - T. J. Moore <tj.moore@mindspring.com>
ComNET (Computerized Neighborhood Environment Tracking)
Date: Thu, 15 May 2003

Hi green mappers:

Through my work, I had the opportunity to hear a presentation on ComNET (Computerized Neighborhood Environment Tracking) (see <http://www.fcny.org/cmgp/comnet.htm>) There's a chance that something like it might come to Seattle in the near future.

While I was somewhat skeptical going in to the meetings, I found the idea rather intriguing. The presentation was quite good and I see that the Fund for the City of NY (<http://www.fcny.org>) has tried to do as much as possible to address any concerns about the process and possible outcomes.

While FCNY has designed ComNET as an approach to involve and educate citizens in governance issues related to their neighborhoods, improve government accountability, facilitate community building, etc., it strikes me as a possible approach for green mapping, too. So, I thought to share it here.....

TJ

New York City USA - Wendy Brawer <web@greenmap.org>

Happy New Year 2004 Mapmakers!

We hope everyone has a nice beginning to the year, and it's a healthy and sustainable one for you. This message includes some new Green Map project ideas and also welcomes new projects and completed maps.

1)) We wanted to share an important "lesson learned" from the Atlas project that

impacts each of us: We are making history! Let's document our workshops, explorations, work-in-progress & map launches! Take Pictures! Make a conscious effort to capture the moment with high-quality images. You can use these images for magazine & newspaper articles - outreach - future Atlas volumes - print on your map, etc. Many digital cameras are fine for taking web pictures, but using a good camera and/or photographer will be worth it the extra effort.

2)) 2003 passed without a lot of progress on the Icon updating project (except for some wonderful database concepts by Misako and team in Kyoto, and one unsuccessful grant request from here). So, in thinking about the great local place-based icons that have been made and are already being used on various other Green Maps, we wonder what you think about the idea of making a second font of Local Icons? Or preparing them for easy use in another format until we can really update Version 3 properly? Your thoughts on this are welcome. You can see many of the local icons at http://www.greenmap.org/home/local_icons.html If this is a project you would like to get involved with, and perhaps help coordinate, please say so.

3)) March 2005 will be GMS's tenth anniversary --our website, [greenmap.org](http://www.greenmap.org), should be completely redesigned and revised by then, don't you think? Again, if this is a project you would like to get involved with, and perhaps help coordinate or contribute to or fundraise for, please say so.

And the newest Green Map has been completed in Bishu Japan, covering Ichinomiya-city, Bisai-city, and Kisogawa-town. They also have a new website at <http://www5f.biglobe.ne.jp/~bishugm/> ! Congratulations to Mitsuhiro Usami and colleagues - we look forward to having a copy soon! Another nice project in Japan is in Kawasaki, where the map has been printed on reusable shopping bags by design student and Mapmaker Hironori Shimizu (whose family owns a grocery store). Customers add their own Icons to the shopping bag maps with embroidered patches!

all the best, Wendy

New York City USA - Wendy Brawer <web@greenmap.org>
For Newly Published Mapmakers Date: Sun, 11 Jan 2004

Hello Mapmakers,

We have a digital archive of Green Maps, created by scanning the printed maps in a high resolution drum scanner donated by Fuji-Xerox in Hiroshima. It is thanks to Shoichi Sendai, our Mapmaker there, that all Green Maps were scanned one year ago.

Next month, GMS will mail Sendai-san the latest published maps to be scanned.

Please make sure we have a copy of your map here by the end of January so it can be scanned with the rest. Help keep our Archive up to date!

Green Map System 131 Essex St. #2B New York, NY 10002 USA

Many thanks! Of course, we also appreciate having extra copies of every Green Map to give to press and exhibits, new Mapmakers, and for the public at the Green Map Store.

It will take about 15 minutes to reply to the form below. It's very helpful to know these details, even in part. We are trying to keep a count of published copies, especially. Thanks so much for your help with this quest!

sincerely, Wendy

Just Published Form (will be superceded in 2006!)

Title of Your Green Map:

City or Area Charted:

Date Published: ---- If printed, please answer:

How many copies did you print?

How can people get copies in your city?

Is there a cost for your map?

What was the approximate cost per copy (include pre-press, printing, folding and shipping)?

--OR/AND ---

If yours a web-based map, please answer:

Does it have interactive features?

Did you use GIS or graphic software or both?

How does the public contribute to the map?

How often will you update your on-line map?

Suggest problems to avoid

-----A LITTLE MORE ---

How many green sites are shown on your map?

How many different Green Map Icons are used?

Did you also use locally designed icons? -----

Name of Person(s) providing information on this form, role in project, contact info:

How many people worked on it (number of volunteers, number of paid staff)?

How many partners (organizations/individuals) worked on this project?

Which partners made especially important contributions that should be mentioned on GMS's website?

Is your Green Map shown or described on a websites (please give URL(s))?

What lessons were learned that can help other Mapmakers?

Columbus USA - Andrea Gorzitze <agorzitze@mail2.morpc.org>
Ideas for permission letter to include site Date: Tue, 15 Jun 2004

Hi Fellow Map Maker!

Here in Columbus we are finally at a point where we can start sending out some letters to "owners" of sites we would like to include in our map. Does anybody have a good "we would like to have your permission to include your site" letter we might be able to adapt? Has anybody run into any significant problem with getting permission?

Thank you for any input you may be able to give us!

Andrea

Massachusetts USA - Jerrard Pierce <belg4mit@MIT.EDU>
Copyright Date: Sat Dec 11 2004

What license exactly are the icons available under? Or derivative works?
Have you examined some of the more liberal licenses such as those from the Creative Commons or the GNU Free Documentation License? I understand why GMS wants to control access to the icon suite, but if this is not done in a considered fashion it restricts what mapmakers can do as well. For instance, I'd like to place my thesis under as liberal a license as possible to allow whomever wishes access. However, because it uses the GMS icons this precludes the use of something like the Public Domain.

Jerrad

See <http://creativecommons.org/> & <http://opensource.org/licenses/index.php>

New York City USA - <web@greenmap.org>

Date: Sat Dec 11 2004

Copyright & Icon updating

hi Jerrad,

Glad you are getting your thesis done & nice that you have invited everyone to read it. I saw the last draft and among other smart elements, I thought your innovative system of listing sites in a grid related to geographical location was very good. Research by students has always been valuable to the GMS and we hope to add a copy of your thesis to the archives so we all can continue to learn from it. We have already placed copies of the well-made, thoughtful Cambridge Green Map in the archives.

Regarding your question, I'm not a lawyer, but we had input from one, back in 1996 when they were first copyrighted as both Visual Art and Text -- this copyright was updated in 1999 when version 2 of the Icons was released. As far as we know, the Green Map Icons predate the Creative Commons or the GNU Free Documentation License.

There has only been a bit of research into the CC or GNU license to date, but it did not seem an ideal fit with the need to protect the Icons from being used by potential "greenwashers" or those who might use them in a way that might damage the credibility of all Green Maps.

The copyrighted Icons are to be used only on registered Green Maps or materials that promote Green Maps. Can't they be accompanied by this statement (and our standard copyright phrase) when used in your thesis? I'm would not be surprised if you find there are other documents in the CC or GNU license that include copyrighted elements. Please research that and let me know.

The Green Map Icons are the only universal symbol set for maps in the world. Some have suggested they be registered under the SIC, but I think this is the first discussion of the CC or GNU license.

Mapmakers, we are seeing another year pass without an updating of the Green Map Icons nor a really good review of all the local icons and suggestions made for symbols we need. We had 2 grant requests* turned down for it, and were quite busy with the Atlas, the exhibit, Chinese initiative, community mapping booklet and many other projects. Some preliminary discussion has taken place in Hiroshima, where Sendai and his students analyzed which Icons are being used most and least, and consideration of needs by Green Map Japan.

If there is a group of us that could start to review the progress to date and options for updating soon, I think it would be great. We can have a discussion in the Green Map Forum -- <http://greenmap.org/gm/forum/> -- in the collaborative projects section, and make significant progress very quickly -- If you are interested, please reply and also register in the Forum. This is a very important project, and needs dedicated Mapmakers to make it happen. Are you up for it?

many thanks, Wendy

Massachusetts USA - Jerrard Pierce <belg4mit@MIT.EDU>

Date: Sun Dec 12 2004

Copyright & Icon updating

The copyrighted Icons are to be used only on registered Green Maps or materials that promote Green Maps. Can't they be accompanied by this statement (and our standard copyright phrase) when used in your thesis? That doesn't really address the question I asked. You're allowing registered

mapmakers to use them, fine. But what I asked was about as a mapmaker, a second-hand rights holder, the ability to pass-on certain rights to users of *my* work.

I'm would not be surprised if you find there are other documents in the CC or GNU license that include copyrighted elements. Please research that and let me know. Of course you would. These licenses are all reliant *upon* copyright, everything other than Public Domain. They simply dictate the bounds and restrictions. Likewise, any creative work is copyrighted whether explicit or not. It has been like this for sometime.

The Green Map Icons are the only universal symbol set for maps in the world. Some have suggested they be registered under the SIC, but I think this is the first discussion of the CC or GNU license. The existence of intermediaries, the mapmakers, leads me to believe that something like the creative commons sampling/remixing license might be close. Where the idea is that the user (map makers) can sample the work (icon suite) and pass it on under their own license terms (restrictive "all rights reserved" through liberal copyleft). Afterall Creative Commons is closely tied to the "Illegal Art" show:

<http://creativecommons.org/getcontent/features/illegalart>

A museum exhibit called "Illegal Art" might sound like a history of naughty pictures. Turns out that the exhibit (through July 25 at SF MOMA Artist's Gallery) is more innocuous than most primetime TV: A Mickey Mouse gasmask. Pez candy dispensers honoring fallen hip-hop stars. A litigious Little Mermaid. Not kids' stuff, exactly--but illegal?

Copyright holders have threatened and sued many of the show's artists for sampling, remixing, and recontextualizing other people's artistic creations without permission. Featuring audio and visual exhibits, a full length CD, and several films, the show highlights how copyright, typically considered an engine of creativity, can stifle art and free speech.

Again, I understand why you want to maintain control. But at the same time it seems quite reasonable that we should try to be as liberal in the area of "intellectual property" as we are in others.

Weston USA - Remy C <remyc@optonline.net>

Date: Sun Dec 12 2004

Copyright & Icon updating

GreenMaps are GreenMaps... but nowhere, I don't think, has anyone at GreenMap prevented anybody from taking creative license under "parody" which all these examples you mentioned (Mickey gasmask) fall into. I for one think it would be great if someone, like Adbusters, did a really goofy GreenMap... Just as long as people out there "realize" it is not an "official" GreenMap. You know, like

the Yes Men! The whole point of the thing is to let people in on the joke, otherwise what's the point, right?

I'm thinking of a time when the foresight of having created such a standardization for the icons will finally meet with online technology and enable hotlink triggers, for example, you're watching a TV show, you want to know where a green product is made or sold, touch the screen, touch the icon, and presto, you're there.

You can't do that if people out there start fussing around with the way the icons are designed, or decide to design their own. I always say, thank heaven for Bill Gates, otherwise we'd still be going fish or cut bait instead of surfing the web all the way to China! (I can hear cringe!)

So I'm not quite sure I get Jerrad's point, maybe I'm missing it. When I see the wide variety of styles and graphic design of all the maps, the total lack of standardization in fact, with only these icons to hold this fragile quilt together, very much in evidence at the Urban Center, I can't help but tip my hat to Wendy for having created such a very, very flexible management network, something you'd be hard pressed to see if Rand McNally had decided to do a project like this. I don't think Wendy or Greenmap is stopping anybody from taking artistic liberties with the "concept"... but if you want a map to be "in the system", then you have to abide by the shape of the plug-in.

This is a non-issue for me, unless I'm not getting it.- Remy C.

Remy Chevalier

Environmental Library Fund

25 Newtown Turnpike

Weston, CT 06883

203-227-2065

<http://www.projectlu.com>

<http://www.greenburbs.com>

<http://www.electrifyingtimes.com>

2. SITE CRITERIA

Gouda THE NETHERLANDS

What about including the sites of destroyed heritage buildings? I don't think the GM should be a historymap. The users are not looking for items on the map that are not there anymore. IMPORTANT - we should include a NO SMOKING icon with this one I do agree, No smoking, no cars, or for some places no dogs etc. could be useful.
Frits v/d Laan

Minneapolis USA Eric D. Hart

My opinion on icons for things that used to be there or were destroyed is that these icons should not be added. Seems to me that a Green Map celebrates the positive 'green' things that are happening in an area or at least emphasizes those over negative environmental things. I think that most people going on a tour with a Green Map in hand want to see a nice sunset or zoo or go to a nice 'organic' cafe rather than all the toxic waste dumps, sites of demolished historic buildings or subdivisions where unique habitat used to be.

I think that a map with all these lost resources would be useful, but as a stand alone map. Don't try to do everything with one map, otherwise you have a 'Mush Map'!! Documenting these lost resources for local activists is a good idea, but a separate project from the Green Map.

Adelaide AUSTRALIA - Cherie Hoyle

I would really like to see the 'green criteria checklist' for businesses. I think it's a very good idea. Here in Adelaide we knew all the green businesses personally. But it would be great kudos for businesses to have 'survived' the green checklist and therefore be on a Green Map (there should be dollars in this for any Green Map being produced locally). We also supported the small businesses first by listing them, as they bring both money and focus within the City. Big companies, regardless of being green can end up taking money out of the City. Of course, the Body Shop is different as the shops are run by local franchises. The businesses we listed had to have not only 'green' credentials ie selling green goods, but also not be exploitative of other resources - including human and having a system of management that was humane etc.

The next difficulty is defining what are green goods!
Non-toxic components of all products?
No soil erosion caused at any stage of the process of making the product?
No air pollution caused?
No water pollution caused?
No health damage to workers making the product?
All the above not incurred by the use of the product?

But of course we decided that bicycles are green products, if we look at the above criteria, are bikes really green? They have chrome plated parts etc. Here in Australia there is a 'Greener Production' sector within the Federal Department of Environment and within all State Depts of Environment. One of the first industries that received interest free loans to clean up their factories was the Chromeplate industry - having looked around the factories personally, I was satisfied that they were surprisingly clean and could pass any Environment Protection Agency tests. There are a number of major Bike factories in South Australia, but not all bikes sold here are Australian. We decided

that we would give the others the benefit of the doubt because bikes are so much better than cars.

Restaurants - what about those that sell all sorts of meals, and also sell vegetarian meals, but not organic? Are they green, do they deserve a mention? How can they have the same status as a place that only serves up organic, vegetarian food? Do we start our own 'star' (or preferably - sun) rating for places to eat????? What about our own sun rating for shops, according to what percentage of their goods are green?

Another issue which of course crops up with all these maps being printed is - are we replacing the carbon sink that we use? Urban Ecology Australia does - we grow and plant thousands of native plants via Trees for Life which runs a free tree scheme. It would be great to spread that scheme to other countries.

Toronto CANADA - Anna Gibson

It really is a bunch of hard choices that have to be made in deciding what is to be green. Toronto is SO big that we can't know all the green businesses and restaurants...between Louisa and I we know a lot of them, but there are so many more out there - especially the little guys - whom we really want to support. We see our map - GM's in general - as really promoting the green economy by pointing out these places and want to do justice to them all.

Wouldn't it be so wonderful to have the time and money to really do it right and track all the products and businesses from beginning to end and do an exhaustive audit on business practices etc to have a definitive list? But of course, by the time it was done it would need to be updated....

The green criteria we are using were part of a feasibility study done on and for the Green Tourism Association itself.

It is pretty basic because we are actually sending it out to most, if not all the businesses and org's that will be on our map! It has four categories:

1. Environmental Responsibility
2. Cultural Sensitivity
3. Local Economic Vitality
4. Experiential Richness

Within each of these there are several checkpoints - based on the number of checkpoints - the application will either "get" the category, or not. They must have 2 categories of the 4 to be on our map. IF we have too many icons at that point, we will raise the requirements and it will be a greener map!

A lot of administrative work.... we are working right now on getting our database up and running to help us process all the information as it begins to come back on the completed forms.

Noosa AUSTRALIA - Kali <econoosa@mac.com>

Criteria for Green Map Sites Date: Mon, 15 Jan 2001

Hi All,

Wendy has posed a very important question and one that is probably the most critical issue for Sustainability and Environmental efforts around the globe. "HOW DID YOU SET THE CRITERIA FOR THE SITES ON YOUR MAP?"

Or.. How does one define environmentally sustainable activity?

We are using The Natural Step framework to set the criteria for sites on our map. We know that if we measure all the sites against the Four System Conditions that The Natural Step provides we will be doing a thorough and fair job of assessing whether a business, venue or activity is actually environmentally sustainable. Some info from The Natural Steps Site:

WHAT IS THE NATURAL STEP? The Natural Step (TNS) is a non-profit environmental education organization working to build an ecologically and economically sustainable society. TNS offers a framework that is based on science and serves as a compass for businesses, communities, academia, government entities and individuals working to redesign their activities to become more sustainable.

WHAT IS THE NATURAL STEP FRAMEWORK? The Natural Step framework encourages dialogue and consensus-building, a key process of learning organizations. It is based on systems thinking, focusing on first-order principles at the beginning of cause effect relationships. It recognizes that what happens in one part of a system affects every other part, often in unexpected ways. The Natural Step framework is a guide to thinking and acting in harmony with the earth's cyclical processes. It provides a pragmatic framework which can be used to guide social, environmental, and economic actions. It acts like a compass that can point individuals and organizations in the direction they want to go.

You can read more about it here: <http://www.naturalstep.org/>

Kali

Pune INDIA – Anand <upalekar@pn2.vsnl.net.in>

TNS Date: Mon, 15 Jan 2001

Kali sends interesting reading on TNS.

As for me, when I picked the sites my criteria was to select popular as well as less known sites where public participation was vital.

New York City USA - Wendy Brawer <web@greenmap.org>

More on criteria Date: Wed, 17 Jan 2001

Hi everyone!

I too am really enjoying the conversation on criteria. I appreciate all the thoughtful thoughts, from Kali's use of the Natural Step framework to Anand's selection of "popular as well as less known sites where public participation was vital." Anna's organization's use of surveyed outcomes: "Environmental responsibility, Local economic vitality, Cultural sensitivity and Experiential richness. We used these 4 criteria - each with a set of check box questions underneath, and a pledge to uphold our mission and work towards "taking the next green step" as our "criteria". " I believe Toronto's criteria are on their website, and are a really good model for others mapping from a tourism perspective. Right now in NYC, we are making a map with kids, so we are adding a criteria for places that welcome their visits.

I decided to look up "criteria" in the notes from last year's regional meetings, and found brief synopsis of the discussions, which are placed below. I also noticed some discussion in Archive #6, which I can email to you, if you like (everyone got versions of the Archives when they joined GMS), but really, the discussion is ongoing, here in the listserver, in our various meetings, and in our ongoing work, as in Douglas Jack's statement "A deeper challenge than sustainability for present day peoples is to become indigenous to our homes wherever we are, now that we are here. "

Many thanks to all whose input is reflected here, Let's continue the discussion! best,
web

New York City USA

Assessments discussion at NYC Regional Mapmakers' meeting in April 2000:

Build up Criteria for Site Selection together.

Add info on how the criteria was assessed

Suggestion for 2 paragraphs on each map: most difficult aspects of setting the criteria & How complexity was overcome

Make a standard of what we want to assess, number of people exposed to map, statistics on press numbers & responses. (see below to comment on Form!).

For public:

Add a place to send a comment on website: what did you think of this map?
Send in a story about the city on the map about your experience there.

We have better notes from the Malmo Mapmakers Meeting October 2000, and there's not a conclusive answer, but many questions/examples:

Criteria:

All maps have criteria, though some of them have implied criteria borrowed, ad hoc, from other map projects. Some criteria on some maps is stated explicitly, but much is left unstated.

Green Business is the hardest criteria to define. Example from two neighboring cities: San Francisco left them off, but Berkeley added many.

How do you recognize businesses that are trying to "go green" but have not gotten there yet? Is there criteria for a business that is sticking its neck out in some important way?

Many people are skeptical of the "green business" claim. Thus, the need for clarity and transparency regarding this category.

Shops and businesses should be required to do something extraordinary in order to get on the map. In Denmark, the government has adopted an inspection logo that sets high standards.

What happens if businesses backslide? Do they get taken off the map?

Make a distinction between green products and a green store.

Do we need a "green-wash" icon (for those making a show of a small step they took, yet continuing destructive practices, overall)?

You can't have one kind of criteria, we are all too different culturally. Some of it still has to be local. The first Copenhagen map had the definition of "organic" included in the text. Current Copenhagen has 95% organic as the remarkably high standard, but did not print definition of organic on the map. Have local criteria, but also state them clearly.

Do we need a checklist of criteria and rationales that can be put on local maps?

Eindhoven has a handbook that explains the sites and links the criteria with local eco-groups who are working on these problems.

You can add supermarkets to the map that sell/introduce organics, but then you would have supermarkets all over the map. Gouda used 75% organic as their standard.

We need to explain our criteria clearly for non-natives. Local people are not always interested in having Green Map generated tourists.

The issue of criteria can't obscure the fact that we don't have enough narrative around the Icons. The Icons do so much of the explaining of a site or resource. Icons should

function as portals into a narrative world that describes the resources and gives people the skills and confidence to enhance them.

Perhaps we should be less interested in the certification role of the maps and more in the pedagogical role of the maps.

Who will be the user of the map?

Find a shop within walking distance to get the organic food or other project.

Maps change over time, process not only performance. Sometimes the criteria are too tough.

Is it fair to the comprehensive mapmakers to have them agonizing over so many criteria arising from so many different icons? Perhaps we need to find new venues to do our certification work.

Even in Copenhagen some Frustration about the high criteria for food.

The data should be perfect, but the stories can be more personal.

Green Maps are political, but to what extent can they reflect a personal political vision and to what extent must they reflect a public sentiment.

How different can the maps be? I was surprised to see the zoo on the map. Also, fair trade shops.

We need on the home page -- what is the aim or goal of GMS. Very clearly and obvious. What kind of future are we trying to build?

Do we really know what sustainable is?

Maps convey too much authority. We need to demystify them.-

New York City USA - Wendy Brawer <web@greenmap.org>

Oops a bit more on Criteria! Date: Wed, 17 Jan 2001

hi again, I forgot to ask what you think of Anand"s suggestions:

>Following aspects could be standardised while creating a greenmap. That will help us visualise spaces and distances within a map in a single vernacular.

>1. The Icons of course are the starting point.

>2. The Scale of the map.This should be uniform.If the content is large then the grid system should be used to truncate the sheets.

>3. The Sheet of paper (or silk or cotton fabric) on which the map is printed should be in an established Matrix [such as A1,A2,A3].

>4. The Green Maps should be Geo-coded so as to be guided by a handheld GPS or at least show Lat/Longs [mine does not since this idea is an after thought]. This will help tourists to navigate correctly without any help.

>5. A Greenmap should indicate its life-span e.g. "Good till ____" and later update the map after its life cycle is over.

I'm thinking #4 is a great suggestion, very 2001!

#5, Here we prefer to put on the date of printing, as we don't know how soon things will change (or even, when we'll be producing the next edition). We all need to be archiving editions, especially the digital ones, so that in the future, we can chart how/when change happened. Our maps are important historical documents!

#3, wow to the idea of silk or cotton, too!

see you there! best, web

Portland USA - Jason King

Hi

I appreciate the discussion currently happening re: criteria. It's helped me see how others have dealt with this dilemma. I hope to add a few comments and hopefully continue the discussion. As for some background, our greenmap team in Portland, Oregon decided early on that criteria must be concise, defensible and transparent in order to avoid conflict with dissenting view, as well as to provide credibility and hopefully provide an on-going dialogue about how sustainable places are defined. Or more succinctly, as one advisor stated "They're going to destroy you if you put sites on a map with no reasoning behind them". In essence, the criteria does not have to be perfect (which is impossible) but must be clear & defensible.

So on to comments:

I agree with Anna that the icons are a great starting point. We decided early on to cull to a workable group, then combine some categories so nothing wasn't included. I also like the thought of identifying groups and providing checklists.

Also She writes: "The results were very positive and identified 4 main areas of consideration: Environmental responsibility, Local economic vitality, Cultural sensitivity and Experiential richness. We used these 4 criteria - each with a set of check box questions underneath, and a pledge to uphold our mission and work towards "taking the next green step" as our "criteria"."

So what's in the check box questions for each category becomes the real criteria. I haven't seen the map they have produced so I'm not sure how transparent they are, but it sounds like a great way to go about it.

A similar thing is to do the same thing as a screen. Sustainability Source does this with products as well as a bunch of other online merchants such as Real Goods, Ethical Junction, etc. in various ways. For an example:

<http://www.sustainabilitysource.com/home/help/screen.htm> . Maybe the same, but the difference between products and places is huge, and that presents the big problem. Lots of certification for products, not as much for places.

Kali also has a similar screening process of using The Natural Step 4 system conditions as a determination of what is sustainable. There again the criteria is only as good as the second order of evaluation that must be determined. For example:

The First System Condition Is? 1. In order for a society to be sustainable, nature's functions and diversity are not systematically subject to increasing concentrations of substances extracted from the earth's crust.

Sounds great. But what specific criteria can be gleaned from this definition to be systematically applied to a particular business. I'm not saying that it's not a valuable way of looking at the problem, but its not criteria in the sense of really being able to defend a particular place with specific factors. The same applies to the host of other systems, i.e. Hannover Principles, CERES, ISO 14000, etc. I think they provide a good framework w/o providing any criteria per se.

Thus we get to 'progressive' criteria that was brought up by Douglas. I agree that a hyper-critical evaluation is impossible and the goal is to provide a real benchmarking system of 'hey these guys are doing a good thing' thus they should be on the map. The ones that are obviously marketing themselves as green or sustainable (and really are) must be on, but where the line gets drawn is the real question. Douglas brings it up in saying that some groups or sites on their map were not wholly sustainable but were going in the right direction. A nice controversial example from Portland is Nike. Doing good things, doing bad things. I have no problem putting them on for the good things, as long as it is perfectly clear that is why they are on. I like the idea of 'merit' system. I think I read something Wendy had written saying something about shades of green(ness), and how that can be a way of showing the level someone has attained. Then you can have a real graphic way of seeing the geographical distribution because there would be gradations and clusters of sites together reading 'GREEN'.

Anyway, I've gone on too long already, but I'd love to hear some comments, and hope this and other discussions continue. I'm guessing this is a question with no or many right answers, and many more questions, but I think it's valuable to the discourse of sustainable culture and also to start discussion in cities about what sustainability really is.

Thanks

Jason King Portland Greenmap www.portlandgreenmap.org

3. ICON DISCUSSIONS

New York City USA

On making the Green Map Icons:

We used software called Fontographer, very difficult for me, so I hired a good friend - Priscilla Prentice in Seattle! We started with an Illustrator EPS image, then used Photoshop to make an a PICT file before putting each into the Font-making software. All Fontographer did was make each icon keyboard-able and size-able.

You can use your icons without making them part of the font, just size them on your screen with Illustrator (might be easier with a GIF icon).

Make your icons simple & small, one color. You can draw them, then scan them in, or make them in Illustrator or other drawing program. Ask a graphic designer there for help.

Later, we will add new icons to the font library...you can email to Frits v/d Laan & Michelle Thomasson in Holland to ask how they added icons to Gouda's interactive Map.

Their map is really nice, <http://web.inter.nl.net/users/F.vd.Laan/greenmap.html>, which was made using Windows.

Gouda THE NETHERLANDS

What about including the sites of destroyed heritage buildings?

I don't think the GM should be a historymap. The users are not looking for items on the map that are not there anymore. **IMPORTANT** - we should include a **NO SMOKING** icon With this one I do agree, No smoking, no cars, or for some places no dogs etc. could be useful. Frits v/d Laan

Kyoto JAPAN

Originally, we use the Kyoto icons which were made with Wendy on the occasion of the last conference held in Kyoto such as special trees, bamboo forests, water feature, etc. on the Map. In addition to these icons, we have made new icons as follows:

<Newly designed icons> Reformed Machiya, or traditional house. We think Machiya is essentially constructed from ecological policies. Every machiya in Kyoto is designed for the purpose of keeping cool in Summer like watering (Jtsuboniwa) or a stone walkway that leads back to the interior of the house. And rooms are measured by the number of tatami mats they contain, which determines the width and length of every house. This uniform system of measurement allows for interchangeable tatami mat and fusuma or sliding doors in any machiya in Kyoto city. The movement to preserve culturally important machiya come from the citizens themselves, by remodeling the interior to suit the business. Therefore, we plot such machiya on the Green Map by using eco-building icon with a little change.

THE NETHERLANDS - Renate Foks Date: Thu, 8 Feb 2001

Dear Chris Huck

I am very interested in the new icons you are making about farming. I am involved in a Green Map in the Neterlands that aims to encourage green tourism and cycling in the province of North-Brabant. In the first edition we made no distinction between organic farms and educational (but not organic) farms. I think it is important to make the distinction, but also provide room for farms who are not organic but provide (urban) visitors an educational experience.

BW, Renate Foks

Tokyo JAPAN - Masahiro Horiuchi" <masa@toshikobo.com>
Daikon Icon Date: Sun, 29 Jul 2001

Hi Wendy!

> please tell us the meaning, too. Masahiro, what is the Daikon Icon?

The Daikon Icon is "Community Farm".

Some community work together there to produce vegetables for their own consumption. We intend to encourage the use of remaining farm land in Setagaya this way otherwise it is very difficult to maintain urban farm here because of high land price.

It could be a carrot icon for places where daikon is not poplular. We liked the rhyme; "daikon icon" though...

Masahiro Horiuchi @Setagaya Greenmap

Kyoto JAPAN - Misako Yomosa, Kyoto Green Map: <http://www.greenmap.jp/>

About the design of icons, I think some icons should be re-designed to be more clear and understandable. Specially designed local icons should be introduced with descriptions of their meanings. At some point, we might also be able to construct an environmental sign (perhaps a kind of billboard) system that tells people the environmental condition of their own city, including warnings, challenging spots, etc.

We need to discuss the central role of GMS. As most of the Mapmakers don't engage in GMS as a full-time job, there is a limit to our ability to treat everything well.

New York City USA - Wendy Brawer <web@greenmap.org>
Poster discussion digest Date: Fri, 23 May 2003

Hello Mapmakers,

Thanks to all who wrote in their thoughts on the next Green Map Icon Poster. We will be discussing with the designer later (we are requesting project support now for the design work that will take place in the winter). Our next discussion is on the Icon categories - you will receive an email about that next.

best, Wendy PS I'm glad we have a new intern this month, Yasuhito Kanayama from Tokyo. He put the new logo on our website as his first project!

Please read on to see all the comments. Special thanks to:
Dan Earle, Yarmouth, Nova Scotia, Canada Cherie Hoyle , Adelaide, Australia
Leonardo de Mello, Campinas Brazil Shoichi Sendai, Hiroshima JP Peter van de Loo, Berlin German Leitha Sackmann, Fulton County OH USA Sarna Salzman, Traverse City MI USA Janet Felsten, Baltimore MD USA TJ Moore, Seattle WA USA

Icon topic 1:

1. Do you find the keyboard chart on side 2 of the poster useful?

Earle: I use the sea scout guide (Icondef.PDF) as a reference for keyboard. I think a small 'quick" guide that can be kept on table by computer is easier to use than a wall chart.

Hoyle: I think a separate keyboard poster that could be used next to the computer would be the best as long as the icons and letters were big enough to read easily.

Sackmann: I must sheepishly admit that I forgot about the icon keyboard chart on the back of the poster! I struggled with a printout of the keyboard chart from the archived papers - It would have been extremely helpful if I had used the poster!

Salzman: I too use the RFT document you sent me instead of the poster for keyboard referencing. the poster is unweildy.

de Mello: Honestly it has not been very useful for us until now. It is an interesting feature, but I agree with Leitha Sackmann: it could have another format, maybe a smaller and separate poster.

Moore: The keyboard chart is definitely very useful. It could be put on a smaller, separate poster, but it is nice having all of this together in one document/poster.

Felsten: I printed out the Icondef.pdf to use as my keyboard reference because it is easier to see the major category divisions and to fine tune icon choices. I laminated the poster so that it has survived a lot of display and abuse. I display the System Icons side. The keystroke side could be peeled off as a separate tool that is distributed with

the font and license agreement, but that may not be a priority use for GMS \$\$ resources. The keystrokes chart would be more useful if the categories were delineated and if mac vrs pc Keystroke issues were more clearly addressed. (What are/How does one use deci no., roman, keystroke?)

van der Loo: In general I think it is useful but there all kind of differences. The German tabulator (keyboard) is different so that there's unfortunatly no comparability between the systems. Easily accessible keys are unused. Also important is a little introduction like what is meant by deci.no and keystroke. Not everybody is a computer geek.

2. Or would it be better to use the poster to show more of ways the Icons are used on your Green Maps?

Hoyle: The icons displayed on one side and the ways they get used on the other.

Sackmann: The chart and Icons could be smaller and still readable, and then there would be room for other things. In any case, a keystroke chart is necessary, on the icon poster or on its own, smaller poster.

de Mello: This idea sounds more interesting to me. Maybe we could use the back of the poster to show samples of Green Maps or even photographs of Mapmakers or something like this. We could include a world's map showing the GM projects at this moment. Or include a fictional map showing how the Icons are used and what kind of things, places and situations they represent.

Salzman: i like Mello's ideas. especially the last two.

Earle: The poster is a nice quick reference to show people all the categories.

Maybe a map on back that shows symbols in use and referenced to a legend of information would be helpful. Show exemplary graphic approaches to combining icon & site numbers on different maps, too.

Map information comes in three forms -- point, line and area. Points: storm sewer outfall, recycle center, historic house, etc.; line: hiking trail, best walk, scenic river, etc.; area: park, historic district, wildlife area, wetland, etc. I can't think of any two dimensional mappable items that don't fit into one of these. It is an important concept for introducing mapping. This also provides an additional dimension for the icons. Each one falls into one of these three groups as well as the category they now have. Each category on the poster could have icons further grouped by point, line or area designation.

Moore: Maybe both can be done. The keystrokes part of the poster could be maintained, but it could be formatted in such a way to use less space on the page. If possible, it would be great to add icon definitions too.

Felsten: Show examples of ways to use the icons and indicate site locations. How does it look if you reverse icons out of a common shape, attach a number to an icon, list single sites with multiple icons, just show icons and key them to a map grid, develop a numbering system that cuts down on info overload through letter-plus-number or colorcoding, etc. (I just went through a semester-long exploration of green map design with a college graphics studio...)

van der Loo: I think samples are too confusing and maybe sometimes misleading. Anyone getting this sheet knows what he wants to do with this so he might not need samples.

3. What are your ideas for improving the poster as a tool for the public as well as for Green Mapmakers?

Earle: One design hint: if you put the poster on the wall one's eye is drawn to the sharp contrast by the big blue block of color. It overpowers the poster. We want the emphasis on the symbols. A pale value replacing the dark blue will get focus back on symbols.

Hoyle: A somewhat smaller sized poster would be easier to incorporate into public displays. We took a section and made our own poster for display, as the original was too large. If the icon posters are smaller they are easier to laminate and take about without damage. Agree with changing the colours to give greater emphasis to the icons themselves.

Sackmann: Smaller would be better - I don't have it hanging up - too large. Perhaps 2 smaller posters with more info on them.

van der Loo: Leitha's point is right. Smaller would be better. Dan is right too the

color is too bright.

Sendai: It's better that each icon is bigger. Limit the number of icons (also categories). The arrangement of 11 categories isn't easy to understand.

de Mello: We can include the locally-developed Icons sets (like Rio de Janeiro's (recreation) and Cuba (youth)). If presented in a special way, it could stimulate other GM groups to develop their own Icons sets. It would be great to have the Icon definitions in different languages, but probably, the poster would be too big.

elsten: Clearer typeface for category headers. I agree that the dark blue block is distracting. Right now the poster reflects a captivating idea but does not indicate its widespread application. Perhaps some BRIEF presentation of the impact green maps have had in different countries, possibly w/sample section of a map in each language included on poster as a way to emphasize the international scope of green mapmaking using a common vocabulary. (This may require a four-color process.)

4. Is there a better format (size - shape) for the poster?

Earle: Size is fine. Maybe leave some blank spots in each category in case people develop own symbols and want to add them.

Mello: I like the current format. Maybe we could make it more horizontal than vertical and we should think about new colors.

elsten: Would be worth exploring horizontal format. As that is the direction in which we read text lines (in the west), it might make category listings easier to follow on icon poster side.

Sendai: It depends on the way to fold or the design of the back of the poster.

van de Loo: The size is fine.

Moore: The current size is good, even larger might work, too. With fewer folds and strategic placement of the content and folds, the keystrokes info might be accessible without fully opening the poster (so, this approach might keep all of the icon info together, but still make it accessible to those who don't use the poster, as a poster, to get access to this info). More on folds below. I suggest that the design elements should also work to better highlight the icon groupings (themes, such as renewable resources, information, mobility, etc.)

5. What is the best way to include multiple languages on the poster? Which languages should be included?

Hoyle: As a tool for map makers, the ICON poster is superb. Maybe it's time to bring the Chinese language in. Might help make significant inroads into getting

the bureaucracy accepting ecological issues, getting the Universities involved. Multi Language information can be useful when placed in blocks of text.

Mello: The same way the current ones are included: a small multi-lingual list under the Icon. Definitely we would like the inclusion of Portuguese in the poster to the expand the number of GM projects in Brasil and other Portuguese-speaking countries like Portugal, Angola and Mozambique. I believe that all languages that already have their translations should be included. To become more and more global, we have to be more and more inclusive. Adding all possible languages to the Icon poster is a great strategy to make GMS more and more popular all over the world.

Sendai: More languages are better.

Peter: Guess Chinese language is a must, what about Arabic? It should be mirroring the recent population situation on earth. So English, Chinese, Spanish and French should be it. I guess everybody can get some translating going with these. Bonus Answers: Moore: Hey, while we're on the topic of folds, these items might interest some of you:

<http://www.suntimes.co.za/2001/06/17/readright/edu08.htm>

<http://www.ngdc.noaa.gov/mgg/image/origamiearth.pdf>

<http://www.progonos.com/furuti/Origami/Cart/projFold.html>

As if there aren't enough opportunities, challenges, and constraints, how about tossing in the topic of origami- like folding patterns.....a map of the green map sites to date on one side? Or maybe a relatively faint image of earth in the background and each polyhedral surface could ask a provocative question?...or maybe a provocative fact....."did you know that...?" It would be terrible to have to cut the poster to do something like this, but there are some folding patterns that work with rectangular paper shapes (i.e., no cuts, no wasted paper, no ruined posters, etc.). I know, I know.....fewer folds above....more folds here. Sorry! How about 3-in-1....poster, small keystroke guide, and provocative table-top art?

New York City USA - Wendy Brawer <web@greenmap.org>
Icons Version 3 Date: Wed, 4 Jun 2003

Dear Mapmakers,

-----ICONS VERSION 3!-----

Today, Craig Simmons of Oxford UK sent everyone some background on the Icon Version 3 Discussion held in Dublin last week. This discussion actually began in December at the global meeting in Bellagio. To follow up, Misako Yomosa led a review in Kyoto (including several experienced Mapmakers) and the list of new Icons they developed is what Craig and the (mostly) European

Mapmakers were responding to in his attached Dublin Icon discussion Notes. Thanks much to everyone involved to date!

We want everyone to have a voice, especially those who are non-native English speakers, and so we want to proceed with the updating now, even though we don't have a good way to organize our idea exchange yet.

Here is the initial list of new Icon possibilities to date. Everyone seems to be asking for fewer Icons in the global set, so part of the challenge is to make each Icon have a generalized meaning which can be more specifically defined and clarified on each map.

Craig's message asks us to consolidate concepts (why add "permaculture" when we already have "eco-agriculture") so consider that when suggesting new Icons - - you may have ideas for consolidating the list below. You may have ideas for new sustainability-related themes and technologies -- we want to hear them all.

Take time to carefully consider the different angles & send in your concise clear comments.

Draft: 4 June 2003 Icon List

- Eco accommodation site
- Local handicraft
- Theater mythological site
- Archeological site
- Repair sites (for appliances, bikes & cars)
- Renovation site
- Car sharing site
- Deforestation site
- Flea market
- Biotope (unique biological area)
- Permaculture site
- Revegetation/reforestation site
- Bus or green transportation
- Health care center
- Environmental NPO /NGO
- Interesting housing areas or urban eco planning achievement site
- Eco factory (goes beyond ISO 14001)
- Youth run-business
- Food bank
- Energy cogeneratio
- Community information site
- Independent media
- WCs
- And maybe one for "locally owned but not green business" as a way to fight

globalization.

New York City USA

All the best from cold & rainy NYC! Wendy

Happy New Year Mapmakers!

We hope everyone has a nice beginning to the year, and it's a healthy and sustainable one for you. This message includes some new Green Map project ideas and also welcomes new projects and completed maps.

2003 passed without a lot of progress on the Icon updating project (except for some wonderful database concepts by Misako and team in Kyoto, and one unsuccessful grant request from here). So, in thinking about the great local place-based icons that have been made and are already being used on various other Green Maps, we wonder what you think about the idea of making a second font of Local Icons? Or preparing them for easy use in another format until we can really update Version 3 properly? Your thoughts on this are welcome. You can see many of the local icons at

http://www.greenmap.org/home/local_icons.html If this is a project you would like to get involved with, and perhaps help coordinate, please say so.

New York City USA

Dear Mapmakers,

We have a new web counter & in first 90 days of use, here are the download numbers -- exciting that even the least used is downloaded every single day!

Icon Poster Downloads: (July 14, 2005 in parentheses, yes some are new!)

Japanese- 1556 (3283)

English-1002 (7024)

 English Youth Icons-170 (3979)

Indonesia- 950 (7360)

Spanish-388 (2119)

 Spanish Youth (125)

Portuguese-290 (1991)

German- 180 (1188)

 German Youth (721)

French-124 (1189)

French Youth ((750)

Arabic-92 (948)

Chinese (5341)

Polish (27)

Swedish (44)

And if anyone else wants to help by adding their language to this list, let us know! We also want to update the existing ones with GMS's new logo. Soon!

4. RURAL MAPMAKING

Springfield USA - Malissa Nowack <mdn252s@smsu.edu>

Rural greenmaps Date: Wed, 7 Feb 2001

Hello all,

Greetings from the Ozarks, SW Missouri. The dialogue seems to have died down, so I'd like to bring up another topic- rural greenmaps. I know many of you are mapping urban regions, but here's an idea for those of you who are dealing with the issue of urban sprawl and farmland preservation. In November, I applied for a demonstration grant through the sustainable agriculture department of the Missouri Department of Agriculture, with the hopes of including a layer in our map that highlights organic farms and green growers. Well, the grant was approved. It's encouraging to know that state and federal agencies support innovative ideas and grassroots efforts to protect one of our country's diminishing resources- prime farmland. The Greenmap project has been a real inspiration!

THE NETHERLANDS - Renate Foks <foks@iae.nl>

Re: Rural greenmaps Date: Thu, 8 Feb 2001

Dear Chris Huck

I am very interested in the new icons you are making about farming. I am involved in a Green Map in the Neterlands that aims to encourage green tourism and cycling in the province of North-Brabant. In the first edition we made no distinction between organic farms and educational (but not organic) farms. I think it is important to make the distinction, but also provide room for farms who are not organic but provide (urban) visitors an educational experience.

BW, Renate Foks

Chris Huck <chuck@kvcog.eddmaine.org>
Rural greenmaps Date: Thu, 8 Feb 2001

Since Malissa bought it up, I would like to offer some observations on the rural greenmap variant. Our mapping area -- Kennebec Valley, Maine -- is over 2,000 square miles. This immediately presents two challenges, one policy and one technical. 1) Since the vast majority of the area is "green" already, it's a little difficult convincing people of the need to identify and support sustainable living opportunities. Solution (I hope): Marketing it as a "Quality of Life" -preserving project. 2) Most of our green features are in or near our urban areas (that's "urban," as in the only two towns over 10,000), so getting the whole region on one map results in a black blob of icons over the cities. Solution: insets. We, too, are mapping farm-related features.

This is part of a larger project funded by an EPA Sustainable Development Challenge Grant. We have broken it into four categories: Organic dairies, organic produce, orchards, and maple syruping operations. "Organic" means certified by our state organic farming association, although there is a considerable segment of non-organic farmers (primarily orchardists) who hold that their practices, which they are only allowed to label "chemical-free," are just as sustainable as the organics. In the course of mapping these features, we are creating two new icons and co-opting a third.

The other layer that we have found resonates with our "quality of life" theme is culture and history. Stop chortling, you urbanites -- we do so have culture. It just tends heavily to the homemade music and traditional lifestyle variety. (which is why we lump culture and history together) Anyway, we are getting a lot more nominations for putting those features on the map than we can handle. On the other hand, no one seems interested in singling out "nature" features. Economics 101. If you have more supply than demand, the value drops. So I hope this helps a little with current or prospective rural mapmakers. Before embarking on our greenmap, I had written the majority of municipal master plans for this region, so I thought I knew the nooks and crannies of my habitat pretty well. This project has been an eyeopener, and I just hope I can convey that sense in the finished product. Chris Huck Fairfield, Maine

New York City USA – Robert Zuber <zuber@erols.com>
Funding Date: Fri, 09 Feb 2001

For those who have been writing about rural Green Maps, thank you for beginning that important discussion. Mac Legerton of Robeson County (North Carolina) has been forwarded the conversations and will be adding his comments soon. Robeson County is a tri-racial rural area that is using Green

Maps to reform the County's school curriculum. Mac is a terrific person and something of a national (US) leader in adult education. He just returned from a Native American rural education conference in Alaska where Green Maps were discussed. We also will soon have other rural Green Map projects in Alberta (Canada) who will be able to contribute to the ongoing conversation.

Bye for now.

Bob Zuber New York

5. UNIVERSITY WORK AND RESEARCH

Seoul SOUTH KOREA - Hwang Yoon Hye. <hyh74@hanmail.net>
March 2001

This is my thesis's title: "A study on a green map of Seocho-Gu"

Hello, I'm Hwang yoon hye in seoul. Fortunately, My thesis is done and it's selected for the best study of this year. ^^ So, I was asked to write an article for a magazine, KOREAN INSTITUTE OF LANDSCAPE ARCHITECTURE, (March, 2001).

I'll send you the book including a green map of seocho-Gu. Thank's a lot!

Hwang yoon hye. <hyh74@hanmail.net>

New York City USA

Dear Mapmakers,

As we have discussed over this listserver, having an online Mapmaker's Conference will allow broad participation and generate new and improved activities while using just a few hours of each person's time. So, as promised, this message is the beginning of 2001's online conference! Let's start with this email, and continue the discussion for three weeks, until 9 November 2001 (approximately). During this time, I hope everyone who wants to participate will have read and responded to the emails over this listserver.

Using the Mapmaker's listserver means that each of us is "pre-registered" in the conference, and continual internet access is not required (like in a chat room). For this conference, please reply to the whole group by emailing your message to <greenmap@op8.com>. If you click the "reply" button, only the sender of the previous message will receive your words. We all can help this Conference process along by sending these "side messages" (or condensed versions of side discussions) to the listserver.

We hope many Mapmakers will participate, but you can wait to receive the condensed Conference Digest at the end (you can ask us to turn off your email temporarily). English is the online conference language, but if you respond in another language, we'll include your message in the Digest. If you'd like our help in any way, let us know.

This Conference format is experimental, and we can adjust/extend it, according to your preference. It's based upon the 30 question Survey below. We think this format will help cover the topic, while reducing repeated text. It will make it easier to archive your responses, too.

Think of the Survey as the Conference structure, and yourself as presenter. Your "presentation" will be published, and hopefully, help inspire and guide other Mapmakers.

Here at GMS in NYC, we discussed some topic ideas, and decided to focus on:

Green Mapmaking & Universities

Our goal is to find out who is working with schools of higher learning, and how these GM-Uni projects are taking shape. We want to hear from Mapmakers with Uni classes or professional training workshops underway, and from those who are working in some way with Uni resources, including student interns. We also want to know about planned future classes. We hope you will discuss new concepts for thinking creatively about GM-Uni linkages -- not only in terms of course curriculum, but also in terms of partnerships that benefit Green Maps as place-based projects in various ways.

Why? Universities are important community resources, and offer a range of opportunities for Green Mapmakers. GMS wants to both learn from and inspire more partnerships with Unis. Also: I (Wendy) will be teaching a course called "Charting Sustainability in the Real World" at New York University starting in January, and your ideas will improve this class (it's in their school of individualized study, so the students can work many different kinds of projects).

We look forward to reading your responses to the Survey, your comments and ideas, and to sharing the condensed Conference Digest with all current and future Mapmakers! Please keep this broad international audience in mind when writing your responses. Thank you for being involved, thoughtful and brief.

Welcome to the Mapmakers' 2001 Online Conference!

There are five sections in this Survey: current projects, interns, planned projects, resources and Conference evaluation.

Please respond by the number (type over the question with your answer). Skip the items that do not apply to you. Please be concise with your descriptions. Ask questions or add suggestions as desired. Thank you for participating!

PARTICIPANT I.D. 1. Name & Green Map Place, time frame of project.

CURRENT PROJECTS 2. Name of University and Department(s) with whom you are working with. Are you an employee? Or what is your relationship to Uni?

3. Type of interaction: GM initiated by school/student, course, interns, research assistance, professional training, workshop, etc.

4. Length of GM-Uni linkage: since GM project was initiated, this semester, this year, ongoing, etc.

5. Number of students involved, number of faculty involved.

6. Describe how students are taking part.

7. What are your objectives?

8. Is the Uni providing support or resources? Is there other support or funding? Please describe.

9. If there is a website with more information on this project, what is the address?

10. Is there a Green Map or other outcomes, or a curriculum, report or other project documentation that you can send GMS? Please describe.

11. What are the most important concepts and advice developed by your GM-Uni project?

12. What are the impacts of the GM-Uni project on the students and Uni directly involved?

13. What are some impacts of the GM-Uni project on students and others who were not involved in the project?

14. What the benefits and drawbacks of GM-Uni projects?

INTERNS 15. Do Uni interns or students help on your GM project?

16. What kind of tasks do they undertake?

17. Please rate the quality of the work completed by student interns. Do you have suggestions that might improve the experience for them and usefulness for you?

18. Were interns or other Uni assistants paid for their work? How many hours per week did they work? What is the source of their funding?

19. Do you have any advice for Mapmakers who are considering involving Uni interns in their projects?

PLANNED PROJECTS 20. If you are planning to involve a Uni in your GM project, how and when will you involve them?

21. What departments or program(s) will be involved, such as undergraduate level geography, pre-service teacher programs, hospitality training technical school, etc?

22. If you could work with a University in any way, what kind of linkage would you initiate?

23. Do you have ideas for how students can be involved in helping shape GMS resources and tools, rather than a specific local map? Please be creative!

RESOURCES 24. Have you given a GM presentation or workshop for Uni students or trainings for teachers or other professionals? If so, please describe the context, content and/or props.

25. Please name some good articles, books, websites and other resources for GM-Uni projects.

26. Suggest other good ways to involve students that have not been mentioned above.

27. Suggest good ways to engage Uni instructors and administrators when you want to initiate a GM-Uni linkage.

28. Should GMS develop a curriculum or other resources for GM-Uni linkages? Do you want to help develop this, or have suggestions on

its content and format?

ONLINE CONFERENCE EVALUATION 29. Do you have other questions or ideas for this Conference? If so please share them!

30. Do you have suggestions for improving the Online Conferences? What topic(s) should our next Online Conference cover?

Thanks so much for participating in the 2001 Mapmakers Online Conference, and do feel free to add, ask or otherwise interact during this conference.

Looking forward to your emails, Wendy and Bob, with thanks to our 2001 Uni

interns, Sarahjane and Grace.

PARTICIPANT I.D. 1. Wendy Brawer, Green Apple Map of NYC since 1992, and Green Map System since 1995.

INTERNS 15. Uni interns have helped at GMS with global and NYC projects since 1997. We usually have one intern at a time, They come from different schools, inc. New York U, Parsons School of Design, Carnegie Mellon U, Hampshire College, Munich U (DE), plus we have had 3 recent grads intern here, from Brisbane AU, London and Trier DE (in communication design, geography, planning, enviro education). We have also had 3 from a local high school. We post "intern wanted" notices on www.orionsociety.org and www.sustainablebusiness.com, several months in advance, and email or fax a description directly to the schools or programs that match with our upcoming projects (fx graphic design program when LoMap was being planned).

16. Their work varies with their skills, including all kinds of writing, editing, administrative tasks, mailings, copying, and errands. When we have a map in production, there's research, design and lots of computer time. We encourage them to come to meetings and talks, use our sustainability library to further their own learning, and take part in Green Map events and presentations that overlap with their internships.

17. The quality of work varies, sometimes summer interns are more focused as they are less distracted by school work. There's a lot to learn here, and sometime, we need to start more slowly with new skills. The longer interns are here, the more valuable they become and we appreciate their fresh energy. Spelling and omissions can cause problems, so be sure to double check their work! High school students require a lot of energy to manage.

18. Some interns have been paid, up to \$8 per hour. Sometimes the school says it must be unpaid, other times, the school pays half. We cannot legally pay foreign interns without a large amount of paperwork. Two interns have gotten their own scholarships to work here. Hours vary, but usually not less than 4 hours per day.

19. We try and keep things flexible and fun, and encourage students to set their own goals. Plan ahead, it can take you a while to get on a school's list of interns. Non-profits should ask for "co-op" (school pays a portion) or other discount.

PLANNED PROJECTS

20. In Spring 2002, New York University's Gallatin School of Individualized Study, I'll teach a course, with the help of Bob Zuber and Sarahjane Sacchetti called "Charting Sustainability in the Real World" -- here's the catalog description: In this course, we'll be connecting with the local environment: Together, we'll create an

expressive perspective on NYC's exhilarating urban culture/social ecology and develop resources for use by locally-led Green Map projects in cities and towns, neighborhoods and bioregions around the world, as seen at greenmap.org. We'll interact with our community, drawing out options for sustainable living and asset appreciation, using high and low tech communication, design and education tools. Innovative course includes creating your own visual narrative of the urban experience, field work, guest speakers and presentations on the philosophy of sustainability and eco-feminism/justice. Taught by this award-winning eco-cultural vehicle's originator/director and staff, you'll discover how to work meaningfully toward a better common future.

21. The Gallatin school is unique, and students can be graduate or undergraduate level, and can come from other programs, such as environmental education, too. Some of the students can also work out an internship with GMS as part of the course.

22. I want to see what others suggest in this conference!

RESOURCES 24.

Bob Zuber, Beth Ferguson and I have given many GM presentations and workshop for Uni students and trainings for teachers. Sometimes, it's an hour or two, basic presentation with discussion, and often we have advance guidance so it can be tailored to meet the group's needs. Having a good slide show of your maps increases the interest/excitement level. Workshops have had walking tours, map design exercises, site suggestion collection, etc.

We have found it helpful to make a list of the props and handouts and use the list again next time (for example, we like the Big Icons to hold up one to discuss with group (it's a PDF on GMS's youth disk, or available by email, one Icon per page). One museum, the Smithsonian's National Design Museum, has had us participate in their "summer design institute for teachers" since 1995. Teachers are creative, many groups appreciate hands-on activities.

25. For the Spring 2002 NYU class, readings include: - Green Map System's Guide and selected Green Maps and key items from our archives like: - "Finding Our Way Home: Community Mapping helps residents define their worries and realize their dreams;" Maeve Lydon Alternatives Journal, Fall 2000 - "Green Mapping" Scot Fletcher, Eco Design, Vol 7, Issue 2 - "Promoting Urban Green Tourism, the development of the Other Map of Toronto", Rachel Dodds & Marion Joppe, Journal of Vacation Marketing, Vol 7, No.3. - New Village, selected articles, Issue 2, 2000 - Boundaries of Home: Mapping for Local Empowerment; ed: Doug Aberley - Ecology of Place, selected chapters; Beatley & Manning - How to Lie with Maps, selected chapters; Mark Monmonier - Woodlands, Wetlands & Wildlife: A Guide to the Natural Areas of NYC Parks

26. Please point students to our research project suggestion list:
<http://www.greenmap.org/howto/research.html>

27. My NYU class was sparked by an Intern whose enthusiastic reports of working at GMS followed my speaking engagement at NYU's new media conference so the school got a good impression by this fortunate timing. If you have ideas, speak about them when you are at the podium (or being interviewed), you never know who is in the audience!

28. I think we could co-create some very powerful tools for linking GMS & Unis, that is why the time you devote to this conference and your involvement is so important to the long-term future of GMS and our communities.

New York City USA - Robert Zuber <r_zuber@hotmail.com>
University student mapmaking Date: Sun, 05 May 2002

Dear Mapmakers,

Last Wednesday, I had the privilege of sitting in on the final session of Wendy's NYU class as the students presented their final projects -- a dazzling array of diversely thematic "green maps" of sections of New York City, mostly Manhattan. There were maps of subway stations, gardens, organic food vendors, bicycle "meeting places," even graveyards. This was a great group of to begin with, but their products even exceeded my expectations.

While these people might be unusually talented or motivated in some respects, it was clear from the presentations that there are many points of connection between green mapmaking and any university curriculum. We all need to know more about the places where we live, work or study, and these people took this assignment very seriously. You all would have been impressed!

For the record, here are the students who participated and the themes of their projects.

Aziza Ali & Dominique Fite: Greenpoint Liza Austria: First Grade Class & Garden, Upper West Side Jessica Barclay-Strobel & Clair Hobden: Gallatin Recycling Lyndsay Bright: Enclaves of Williamsurg Kristin Bruan: Locally Grown Produce Kate Foss: Lower Manhattan Cemeteries Peter Morgan: Vegetarian Food near NYU Tucker Rader: Lower Manhattan Social Service Providers Melissa Rosenberg: How to Go Hiking Josefa Scherer: Anecdotes about Livingin NYC Kate Seremek: East Village Gardens Elizabeth Stevenson: Underground Culture in MTA Stations Stefie Wein: Bike Messenger Intersections. Congratulations to all!

The State University of New Jersey –
David Tulloch <dtulloch@crssa.rutgers.edu>

This spring a few of our students took their Green Map of Somerset County to the New Jersey Department of Environmental Protection Mapping. Contest. The team walked away with several awards from the competition. As described at <http://www.state.nj.us/dep/gis/mapcon16.htm> this team's honors included: 1st place -- BEST OVERALL MAP (NON-NJDEP) 2nd place - Most Unique 2nd place -- Newbie of the Year. The team members were: Tsz Ting Liu, Marina Lotarevich, Robert Martin, Brett Taylor, Alan Lee, Jeffrey Skinner, Matt Jones. We are proud of the recognition that these students have earned and wanted share it with you.

6. PRINTING

Seattle USA - Curtis

Planning to start w/a computer database & then move to other forms as possible. I hope to get some base map info from government organizations in digital form but only time will tell how possible that actually is. The regional EPA office has a web site where you can enter coordinates (longitude & latitude) & they will send via email a map with a radius of 2, 5 or 10 miles centered on those coordinates. Very few topographic features unfortunately but it might be a "start". Another possibility is approaching the Defense Mapping Agency (part of the US Dept of Defense) who has a complete global terrain database in computer form. I am sure that this will require a lot of work if it is at all possible. Very likely I will post what I have on the net as the project evolves.

Toronto CANADA - Janis Kravis

We are looking at working on a digitized base map in the software "Illustrator".

We are hoping soon to have a web site, so that the map can take place and be created in cyberspace. This way, a great number of individuals and organizations will be able to interact with it and comment on its content and make suggestions for additional sites. We welcome comments from all the mapmakers.

New York City USA

In NYC, we used the NYC's City Planning digital street map as the base map (not cheap, but the \$350 gave us the copyright to our map, as long as we credit them on this & future editions) (would have been only \$70 for a non-profit organization) for the third edition of the Green Apple Map (GAM3) (remember, Modern World Design created the first hand-drawn edition back in 1992, but this was our first in 5 years & first to use GMS's Icons).

Will van Roden, the art director of Metropolis Magazine, worked on it in Illustrator, and later in Quark (Mac). He convinced me to leave the city in its proper proportions, and not have a close-up of most active areas, so people could see it as a continuous whole...and actually, the Map was made so two copies can be pasted together very easily, and a big view of the whole city results. We used mostly "natural" map colors, and kept the colors fairly light, so icons & text would read well.

I could see how tricky it was going to be to put the nearly 700 green sites on it in a reasonable amount of time. I bought a complete street atlas of NYC, it has about 30 pages at 1:21,000 scale. I went thru all my separate notes, maps and data, and put all the green sites on the atlas. I used colored dots (purple for community gardens (180 of them), (red for dog runs, green for ferry landings, etc.) and put a numbered "balloon" for each of the 310 numbered green sites (these have tel & address listed). I made a count on each page and wrote on the margin the number of each kind of site on that page. I double checked it all, too. I did this over a weekend, and it turned out to be a good method of consolidating (someday, we'll have to geo-code this data so future editions can be generated automatically).

Will made a separate "palette" of the included icons and all the numbered sites were made into little tags (black number & icon on a yellow tag). Then I sat with Will & page by page, we transferred the green sites on the atlas to the GAM. We used up everything on the palette & checked off each margin note in the atlas, so we know we didn't miss anything. He had to do a lot of adjusting as we went along, dealing with it in separate layers really helps. He saved & even restarted frequently to prevent crashing.

Then he poured all the text in (he had done a test earlier, so we knew it would all more or less fit). We made adjustments, a few edits, and last minute changes were put in (of course, in a city this big, the changes don't stop just because you go to press, I heard of 4 before the proof even came back...(updatibility is a real advantage of web-based Maps)).

Then came the cover panel, logo and credits, lots of details took a while. It was finished in Quark then sent to the people at Metropolis who make things press-ready (about a dozen people at Metropolis worked on it). It was really fun, and went so pleasantly and smoothly, it was terrific! The color match proof print of the Map looked great, too....

Problems encountered;
GAM3 went to Metropolis' regular printer, RR Donnelly at the beginning of february. We were given a choice of 2 coated papers, both with some recycled content, and we went for the higher percentage, 50%. GAM3 is very detailed, full color, 1200 DPI, so the printer had to be very careful. Ahead of schedule, it was finished, looking so good, but then, tragedy struck.....I had barely had time to

open the 6 samples sent to me and dance around for a few minutes of excitement when I found out they were being recalled....a combination of the higher recycled content, the low moisture content of the paper and the heat of the high-speed folding machine caused the folds of the paper to crack as soon as you opened the GAM...it was terribly disappointing and a big waste....it was a heavy lesson about getting a sample made ahead of time. The second choice paper is about 20% recycled & guaranteed, and it went to a company that specializes in folding Maps, so I have my fingers crossed that it will look as good and be more durable than the previous one. They all went right back to a recycling mill, but the waste of 65,000 copies was very bad. We are fortunate that we don't pay for this mistake, that is between the printer and the first paper company.

(When we made the second edition (December 1992), it was the first time the offset printer had used soy-based ink. It took much longer to dry & that made the job about a week late, as I recall, so allow extra time for delays). My press release is written, cool new recycled map envelopes are printed and I'm ready, hope it is beautiful and will have a very positive reception....and I hope it is in time to be mailed out with Metropolis' March 97 issue (it was!)

Portland USA - Jason King <jking@mep-pc.com>
Printing costs Date: Fri, 19 Jan 2001

In the process of budgeting for fund-raising, we solicited quotes from a number of printers (with a definite leaning towards the eco-printers) and the best quote we had was from a local company called Ecoprint (who also will be on the map as a green business because they do only green printing).

Just a ballpark, because I'm sure that there is much variation: working from an Adobe Illustrator file

23x35 full bleed - 2 sides On 100% recycled paper (I can't remember right off hand what the weight was) w/ soy ink 4-color folded

10,000 maps for \$5800

The printer said that prices fluctuate of course, but it'd be close to that. You can learn much from meeting with a printer and discussing options, as well as having them guide you through the limitations of printing/layout/etc. because they know what works. This is what we did on our quickly put together Sabin Map, which was a 11x17, 2 sided map, with one spot color. The printer went out of their way to help us transform a map that wasn't originally slated to be offset printed into a great product. In the end the 1000 maps cost around \$500.

Hope this helps out.

Jason King Portland Greenmap www.portlandgreenmap.org

New York City USA - Wendy Brawer <web@greenmap.org>

New project, update from Sacramento

Date: Tue, 30 Apr 2002

Hello Mapmakers,

Just back from a conference & rushing to complete 2 exhibits GMS will be part of this weekend in NYC, so briefly, I'd like to welcome Hiroshi Uemura and his Kyoto University of Art & Design students who are creating the Kameoka City Green Map in Japan. They are studying aesthetics, so it should be a beautiful map! Thanks to Misako for helping this project get started & best wishes to Hiroshi!

Two more items below: wonderful note from California on their new project's scoping/outreach efforts (MY COMMENTS ADDED IN CAPS) and a Johannesburg-related link you may want to investigate. best to all, Wendy

Sacramento USA - <sacmap@yahoo.com>

Date: Wed, 24 Apr 2002

Hi Wendy! This is simply an update report from Sacramento.

We had a great time at the local Earthday celebration, had a table to share the project with lots of interested folks, and got out for lots of networking with other orgs. Transportation-Minded orgs seemed most interested. Another trend we found is that people who were searching for eco-building materials seemed really drawn to the project, so I think we have that research base covered. Also, youth - love- touching and looking at maps! I'm looking forward to when we can partner with local schools to encourage youth mapping.

Finally, we've noticed a strong correlation between GreenMapping and Environmental Quality Indicators, and so have searched out a local org that recently produced a region-wide Indicators report. We are waiting to see how this may develop. We have our first meeting and first workshop planned for a few weeks from now. Is there a convenient place to report this on the GMS site? (THE EVENTS PAGE IN THE NEWS SECTION) Also, is it too early to fill out a 'Progress Report' for posting on the website? (IT'S A GOOD IDEA TO DO IT SOON). We are currently working on our own 'info only' website.

One little note of appreciation: thanks for your guidance through the Pamphlet-Making Decisions. They came out well, though we had a tough time finding high recycled-content paper on the fly - something to consider for the future. (IF IN NORTH AMERICA, TRY <http://www.greenlinepaper.com> OR CALL 800-641-1117). Also, early on Amanda had the idea to print directly onto old topo maps,

but couldn't find enough. When we were laying out our own pamphlets, using the GMS one for inspiration, I couldn't figure out how you got full bleed of the map background, till I realized you must have done exactly what had been suggested! Great idea, Wendy! (WE HAVE ORDERED OUR TOPO PAPER & ENVELOPES FROM NECARTOGRAPHICS.COM, BUT THEY ARE A BIT SLOW TO RESPOND, SO ORDER EARLY!)

The online ordering system is Wonderful! Probably one of the best things to happen to the site since sliced icons. We can't wait to contribute to it...THANKS! THE GREEN MAP STORE HAS GOTTEN SOME NICE ORDERS, WE WILL BE SENDING AN ACCOUNTING AROUND IN A WHILE. MAPS FOR IT ARE ALWAYS WELCOME!

Take care of yourself through all the hard work THANKS, YOU TOO!

-Ian Oeser, Sac Map

New York City USA <web@greenmap.org>
From Victoria BC Canada Date: Thu Nov 4 10:43:08 2004

Dear Mapmakers,

We have a question for you -- have you created any Green Map games or toys? For example there's a version of "Twister" with Icons played in Taiwan. In Japan, there's a "treasure hunt" based on our youth website pages. Tell us about your ways to introduce fun into the process.

This will become part of the community mapping booklet project we are working on. PLease reply this week!

If you are selling your Green Map, you might be interested to learn that this map is \$5 folded, but \$10 rolled up as a poster (1 side only). Many people are buying one of each, good extra income for Groundworks! It was a simple matter of telling the printer to put some flat ones aside, so you might try this when you are printing your map.

many thanks, Wendy

7. GIS AND OTHER TECHNOLOGIES

New York City USA -

On making the Green Map Icons:

We used software called Fontographer, very difficult for me, so I hired a good friend - Priscilla Prentice in Seattle! We started with an Illustrator EPS image, then used Photoshop to make an a PICT file before putting each into the Font-making software. All Fontographer did was make each icon keyboard-able and size-able.

You can use your icons without making them part of the font, just size them on your screen with Illustrator (might be easier with a GIF icon).

Make your icons simple & small, one color. You can draw them, then scan them in, or make them in Illustrator or other drawing program. Ask a graphic designer there for help.

Later, we will add new icons to the font library...you can email to Frits v/d Laan & Michelle Thomasson in Holland to ask how they added icons to Gouda's www Map, their map is really nice:

<http://web.inter.nl.net/users/F.vd.Laan/greenmap.html>, which was made using Windows.

Washington D.C. USA - Larry

Plugging right along, we're going over to HUD next week to demonstrate the new Community 2020 software they've developed. I don't recall now if its been discussed in the greenmap circle, but regardless, here is the web page touting it: <http://www.hud.gov/cpd/c2020sft.html> From the sound of it, it is the right stuff for community mapping.

As you may recall, our stumbling block has long been production - wanting to use an already existing map platform to work from. If our visit to HUD confirms my ideas on 2020's versatility, we have found our production software! I dare say that it could make a big difference for mappers in the US. I'll let you know how it comes out.

Report: Hello green mappers, this is primarily of interest to mappers in the USA. (though maybe of some utility to international mappers):

The Washington DC Community Sustainability mapping group visited the U.S. Dept. of Housing and Urban Development last week to see a demonstration of a new software package they are hawking; Community 2020. Like many of the easier to use ESRI GIS products, 2020 is a user-friendly GIS software application intended for use by local governments, but also being targeted to community groups. In addition, it comes with a wealth of data sets from HUD on all kinds of things from projects in your community funded by HUD to base maps complete with vector data on streets, streams and railroads. In my experience trying to

find a software that was versatile enough for our mapping needs, I've been frustrated. Based on that frustration, here are some of the features of 2020 that sell me on its utility.

- > it allow you to choose the scale at which to work
- > it allows you to draw the boundaries of area you are working in
- > it allows you to select the level of detail of streets and other features you want to display in the area you have selected
- >it allows you to select the size font used to label streets and other features it allows you to select which streets you want labled so not all have to be labled (that takes up so much space)
- >the print quality is as good as you could want it to be
- >your map can be imported into a photo software for additional tweeking and addition of photos, text, etc.. for the overall product design
- > it has all the features that allow for the importation of symbols used on the Green Map
- >it is easy to set up your own data-sets, you can either use the curser to plunk them down, import digitalized data, or enter street address coordinates.
- >its affordable, \$250 gives you the software and data for your quarter of the U.S., \$300 gives you data for the whole US.

I think that we will be purchasing the product and will use it to develop our first draft map, and can see no reason why we won't be using it to do the final. If your interested they have a web page that describes it and how to order.
<http://www.hud.gov/cpd/c2020sft.html>

Hamilton NEW ZEALAND - Tina <theosophia@ozemail.com.au>
Technical question Date: Mon, 22 Jan 2001

Greetings from Hamilton, New Zealand.

I've been creating Hamilton's Green Map using the GIS software ArcView. It allows me to directly import the GreenMap font as symbols to use on the map and it's been working fine, except for one problem.

Because the initial font was designed for the Mac System, ArcView seems unable to import 12 of the icons - specifically the significant habitat, bamboo forest, dog run, child friendly, autumn leaves, light rail, world music, science/research, shanty town, solid waste transfer, camping and wind energy icons. I can import them as separate images, but they have an annoying white background that makes them stand out from the other icons.

My question is, does anyone have a copy of the Green Map font designed specifically for PC machines or the above images saved as pictures with a transparent background that I could use? Also any other creative suggestions from other GIS users on how to get around this issue would be greatly

appreciated.

I'm up to the stage of preparing the first draft maps for public viewing and webpage display so I'd really like to get this issue sorted out soon.

Many thanks,

Debbie Green Map Co-ordinator, Hamilton, New Zealand

Debra Emmett GIS Analyst Landcare Research Private Bag 3127 Hamilton Ph: +64 07 858 3703 Fax: +64 07 858 4964 Email: emmettd@landcare.cri.nz

Baltimore USA- Janet Felsten <jfelsten@ecostructure.com>
Responses to Map Profile Questions Date: Thu, 25 Jan 2001

Hi, all. I posted some questions in late November regarding other folks experience. Those who answered sent the answers just to me, so I'm posting a summary for everyone. Has anyone else used Illustrator to construct the map for printing? 1) While I don't have time to answer all of your questions today, I'd like to share one thought with you before you begin. We did a 5 county green map and I used ESRI's ArcView software to produce it. It was a difficult program to use, but the finished map looked good. However, when I converted the map to an Adobe Illustrator file for printing as the GIS software instructed, it didn't work. All elements of the map were scrambled and a total mess - months of work that had to be redone by the printer. When I called ArcView, their support people essentially said that they know that the conversion feature doesn't work (even tho the instructions say that it does!), they don't know why it doesn't work, and they've had no luck fixing the problem. So...the moral to this story, is NOT to use ArcView to produce your map. I understand there are other mapping programs out there that do a much better job. Good luck - it's a huge project you're undertaking! Estimate the time it will take, and double it!! Gayle Miller Clinton County Dept. of Waste Mgt. (517) 224-5187

JF: Thanks! That sounds like a nightmare. Matt in Milwaukee told me about a translator program that mediates between ArcView and Illustrator put out by Avenza Global Technologies. Have you tried/heard about that? ----- 2) I've not tried or even heard of the translator software. Before buying it, I'd contact your printer and make sure they've dealt with it before. Our printer basically rebuilt our map. All the elements were there, just slightly scrambled! We expect to have a full color proof in a week or so. Hopefully, it will be ready to go to print after we're done proofing.

Just one more warning about ArcView: before embarking on the entire project, I did send a small sample version of the map to the state printing office, and they originally thought it would work just fine - but that was before they actually tried to convert it for printing. I'd go the whole nine yards and do a trial run of just your

base maps and a few features to make sure it will work well. This problem set us back about 6 weeks.

I am Anand Upalekar from Pune. I made my map by using old maps of Pune as a cdr file[Corel] but now I think [because I am also dabbling in GIS] that it would make sense to buy an IKONOS image of the target area, scan it, delete what is not required and highlight only the required info. Ikonos image can be ordered in US . You can check it on www.spaceimaging.com. In India it costs \$34/sq.mile of image @ 1:1000 scale.

Your next question about funding. I ploughed in some of my own savings out of Rs.45,000/- which is about \$1000 for creating 1000 copies. Some advertisers donated totalling to approx. \$100.

I am now planning a next edition on silk cloth. It will cost me \$1400 for 1000 copies if I use the same old matter, artwork and screens. The map size is 17" x 23". Would you like to do the same? Send me the art work and we will print it on silk here!! -----

Montreal CANADA - Douglas Frederick Jack <eco-montreal@mcgill.ca>
Have groups in the Green Map System made arrangements with ESRI or other GIS software manufacturers?
Date: Mon, 26 Feb 2001

To folks in the Green Map System,

Eco-Montreal has been involved with GMS since 1994. We are making a proposal to ESRI, Environmental Systems Research Initiative about their provision or reduced price on Geographic Information System GIS software ie. Arc View or Arc Info software for mapping in our region and other support possibilities. We already have an ArcView mapping format but in co-operation with McGill University's School of Urban Planning which has hosted student mapping teams for the past six years. The local ESRI manager suggested that we find out has been arranged in other cities of the GMS system to see what models might have developed.

San Francisco apparently has had co-operative support from ESRI in their mapping. How have those GMS groups using ESRI Arcview or other GIS softwares, developed arrangements ? At Eco-Montreal TIOZIAKE we are looking for some kind of reciprocal relationship or trade if possible.

TIOZIAKE's 2001 initiative is mostly the mapping of First Nation villages and placenames. We have had a class recently complete a Coordinated Conservation Plan for the west island region here. A class is also creating a social portrait for one of the poorest districts Park Extension of Montreal. We have lots of material to add to our website

www.mcgill.ca/eco_mtl/eco_montreal.html=20 A member who has become director of the Climate Change Hub for New Brunswick is coordinating a GIS mapping of Energy Efficiency and Climate Change. This has been set up as a potentially three city collaboration with Montreal and Durham near Toronto. I have a requested from the regional ESRI Environmental Systems Research Initiative office, producers of Arc View, Arc Info Geographic Information System GIS mapping software and other softwares such as Avenue Programmation, web server technology etc. for support including:

1. Training of Eco-Montreal workers in ESRI softwares. This might involve classroom training or apprentice opportunities with groups or corporations using GIS software.
2. Non-profit organisation prices or donations for the software.
3. Investment in green mapping initiatives and the linking of school (usually geography) projects with ecological portraits and organisations as community relevant and educationally inspiring material.
4. Involvement in an advisory capacity on Eco-Montreal's board. The local manager was very interested, going further than our scheduled meeting to discuss aspects of Eco-Montreal ecology and the GMS. The manager is making his own inquiry to support possibilities but suggested that if any cities or regions of the GMS have established partnerships with ESRI offices that this would help expediate his own research and provide a model to follow. Have any cities or regions in the GMS developed partnerships with ESRI or other GIS software manufacturers?

Santa Cruz CA USA - Michael Meuser <meuser@mapcruzin.com>
GIS and mapserver resources Date: Tue, 22 May 2001

Hi - Folks. The Census 2000 data is dribbling out. Some that is available includes the Tiger arcview shapefiles. These include a lot of the base data that you may need if your greenmap is US based. It includes streets, highways and several different sorts of districts.

Also, I've been adding a lot of free resources and other data, even a free MapServer if anyone is so inclined. They're collected and constantly updated at:

http://www.mapcruzin.com/free_gis.htm

and at:

http://www.mapcruzin.com/download_mapcruz.htm

Feel free to browse and download anything that is of use. Email me if I can be of any help. Mike

Dublin IRELAND - Michele Hallahan <michele.hallahan@nsai.ie>
Technical question for mapmakers Date: Wed, 22 Aug 2001

Folks

We in Dublin are getting set to nail down serious funding for the Dublin Green Map these days and so everything is coming under the microscope for final agreement. In order to rule out any potential pitfalls and reap the benefits of y'all's collective experience, I would like to ask the question:

what is the best method for drawing the map?

I have heard references to ArcView, GIS, Illustrator, etc, but don't know the advs/ disadv of each. We drew our basemap on Illustrator and have begun adding icons on each layer. It seems foolproof for updating, but at the end of the day we want to be able to produce a printed version and a website map which will be easily updated and linked to other websites. Do you have any advice?

Appurciate y'all's input!

Michele Hallahan

Santa Cruz CA USA - Michael Meuser <meuser@mapcruzin.com>

Re: [GreenMap] Technical question for mapmakers

Date: Wed, 22 Aug 2001

HI - I'd do it using a GIS if you want to be able to constantly update it. I do this and then capture or export the map image to a graphics program, etc. I stay away from arcview because it's too slow and too expensive. Check Maptitude at <http://www.caliper.com/> It's much cheaper, includes much more and is much faster and easier to use. It will import and export arcview files. The next upgrade will use native arcview files. I also use maptitude to create all my maps for the web.

best,

Mike

New York City USA - Wendy Brawer <web@greenmap.org>

Technical questions, online meetings, etc

Date: Thu, 23 Aug 2001

hi Everyone,

I'm enjoying all these helpful emails on choosing software (we went with graphic programs, fewer technical hurdles, more flexibility), and both Janet's great questions about motivations and outcomes as well as Anna's thoughtful response. I wonder if we should hold an "online meeting" to discuss some of these questions together in greater detail.

Seattle WA USA - T. J. Moore <tj.moore@mindspring.com>

Re: [GreenMap] Technical question for mapmakers

Date: Mon, 27 Aug 2001

This is really a tough question to answer because it depends on so many things.

ArcView GIS version 3.X (www.esri.com) is a pretty decent product, but as Michael said it is a bit pricey at around \$1,000 - \$1,2000 US. (You might be able to get a good deal from a local reseller.) Many GIS data sets come in formats that are compatible with ArcView software.

(BTW, ArcView 8.1 is now available. This is a different product in many ways from the 3.X version and it is more tightly integrated with ArcInfo 8.1 as a suite of scalable solutions within "ArcGIS 8.1". I believe ESRI will be supporting the 3.X product for some time to come for many reasons. I am pretty sure the 8.1 product is more expensive than the 3.X version.)

I haven't had much of a chance to use Maptitude (www.caliper.com) or MapInfo (www.mapinfo.com), but they are primarily the competitors in ArcView's market along with, possibly, GeoMedia from Intergraph (www.intergraph.com/gis/geomedia/). You can download a demo of GeoMedia from the Intergraph Web site. I believe Maptitude is a pretty nice product from my very limited exposure to it. I have heard others sing the praises of MapInfo, but don't have much experience with it.

If you are an Illustrator user you should keep your eyes out on developments with SVG (scalable vector graphics) for the Web. This format will get final candidate recommendation status from the WWW Consortium soon, and it will change the nature of the Web. I have just finished building a small Web site (I'll let you know when it is released) with SVG technology and I am sold on its potential.

Illustrator 9.X exports to SVG. Adobe also has a popular SVG viewer plug-in for Web browsers to interpret the graphics (see www.adobe.com), but this graphics format should eventually be supported natively in Web browsers.

There are a number of examples on the Web where SVG has been used for mapping.....Here are a few:

www.carto.net

www.adobe.com/svg/main.html

www.adobe.com/svg/demos/moscowmap/main.html

(The Moscow map takes a bit of time to load on a 28.8 connection, but I recall that it works pretty well after that....)

Cheers,

TJ

New York City USA - Wendy Brawer <web@greenmap.org>

About the Icon problems Jason mentioned, for public square to show up, you need to turn off "smart quotes", this is in the Preferences of the program you are using. When we made the font, we should have avoided using the "quote" key, (when we do version 3, perhaps we can=20 fix this). As for the "light rail" I'm not sure why this is a problem, but PC users can try the Deci number, 0133, and Mac folks should try to find it in "Key Caps" with option key held down, & copy & paste....If you have ideas on this, please share them!

best, Wendy

BC CANADA - Journeay, Murray <MJournea@nrcan.gc.ca>

The Georgia Basin Futures Project (basinfutures.net) combines expert knowledge and considered public opinion to explore pathways to sustainability through the use of emerging digital library/semantic learning networks (GBExplorer) and scenario modeling tools (GBQuest). Together, these online resources help promote a wider and deeper understanding of environmental, social and economic issues in the Georgia Basin region of western Canada, and provide a means of exploring viable pathways to sustainability.

The Georgia Basin Digital Library (GBExplorer) provides a framework for understanding issues of regional sustainability through an information architecture that integrates data warehousing, principles of object-oriented data model design, geographic information systems (GIS), knowledge representation and community mapping. As part of this digital library project, we have developed a suite of on-line community mapping tools that incorporate the principles and underlying methodologies of the Green Mapping System. Our purpose in registering with GMS is to provide on-line support to existing Green Mapping projects within the Georgia Basin region (Victoria, Bowen Island and Vancouver), and to encourage other communities to get involved.

New York City USA - Wendy Brawer <web@greenmap.org>

Halifax Question on Linking Icons Date: Wed, 2 Jan 2002

this has arrived from Halifax...

Hello and a Happy New Years from the Halifax Greenmap team! It is great to read about all the progress other mapmakers have made over the past year. That gave us new energy as well!

We do have a technical question for making a webpage please. Maybe there is someone who knows how to get the symbols on a scanned in map so that they are clickable for linking with the database and vice versa. Any suggestions would be really helpful. Thanks!!!

Hfx Greenmap team 2002

I don't have much experience making the icons link to a database, and can only suggest making Icon GIFs linked to "named anchors" in the database. Perhaps someone can make a better suggestion to Ralf Roggenbauer & Elizabeth Motluk in Halifax. Thanks!

Icons as GIFs are located at

http://www.sustainable.wellington.net.nz/Green_Map/Definitions.html

or I can email the set.
best, web

Eindhoven - Breda THE NETHERLANDS - Renate Foks <foks@iae.nl>
Re:[GreenMap] Halifax Question on Linking Icons Date: Thu, 3 Jan 2002

Concerning your question on clicking on icons:

Our site has a net based map and the places are linked to targets in a html file (www.groenekaart.dse.nl). This was the easiest way for us to make a simple net-based map. The design, I think, made is easy to navigate between places and the map.

We want to develop the site to a flash based site in the future, apparantly it is easier to make a link with databases then...

Does anyone have experience with this already?

BW, Renate Foks

Map maker of Eindhoven and Breda (NL)

Mississippi River USA - Nate Scott <nscott@co.rock-island.il.us>
Royalty problems? Date: Sun, 13 Jan 2002

This is Nathan Scott--I am working on the Greenmap creation for the municipal land along the Mississippi River Basin from the Quad Cities of Illinois/Iowa north to the Twin Cities, MN. It seems that for most of the existing Greenmaps I have looked at, creation of new data layers is more prevalent than the gathering of GIS information from organizations that already have it. First of all, is this the case?

My plan is to gather GIS layers from local governments or development organizations along the way, but it occurred to me that since maps might eventually be sold there might be conflicts that arise. An organization will be more likely to provide the information to me for free as long as the product I'm creating is not for profit. Are all Greenmaps that are created eventually sold for profit? If so, I'm just looking for comments from people who have gone through this type of process before so that I can be more informed of any conflicts that might arise. Thanks,

Nathan Scott GIS Department Rock Island County, Illinois 309-558-3764
nscott@co.rock-island.il.us

New York USA

Bob found this website that might be of use to you:

"Technology Resources for Schools & Nonprofits" There are a number of people and companies that are available to assist nonprofits with their technical needs. So many, in fact, that it's hard to know who to choose. That's why TechSoup has gathered the best technology resources and compiled them into easy to navigate lists, separated by area of expertise and geographic location. Whether you are looking for a recycled hardware provider or a Web designer, you can find it here.
http://www.techsoup.org/sub_resources.cfm

and with that, I wish you all a pleasant night and day! Wendy

Illinois USA - Nate Scott <nscott@co.rock-island.il.us>
lzw compression Date: Mon, 04 Feb 2002

Hi, This is Nathan Scott from Quad Cities area, IL/IA. I am trying to use the Greenmap icons in ArcView/Info Desktop 8.1 and receive a message saying the gifs are lzw compressed. I am just wondering if anyone out there has dealt with this. Is there any way to decompress the images so I don't need the extra software license. Also, I am having problems with the icons in ArcView 3.2--I can't change the background or foreground colors. Do I have to convert the icons from gif to something else? If anyone can help with these issues, please let me know. Thanks,

Nathan Scott GIS Department Rock Island County, Illinois 309-558-3764
nscott@co.rock-island.il.us

Fulton County Ohio USA -

Succint paragraph on impact?
lzw compression Date: Tue, 5 Feb 2002

Hi Nate,

This is Leitha from Fulton County, Ohio

I have no experience with ArcInfo and the icons, however I am using the icons in ArcView 3.2 I used this method of creating markers using the GM font:

Add GM font to Windows font folder, open the symbol window in ArcView (window --> show symbol window or thru the legend editor) highlight this font in the font palette (ABC button on symbol window), click on "create marker" button at bottom of this window (this will create markers for most of the icons - some don't translate), go to marker button (push pin button) and scroll down until you see the GM icon that you want to use.

When this method was used - to change the foreground color you just choose the icon you want through the legend editor - double click on symbol in legend editor, click on the particular icon you want (marker or push pin button), then click on color palette (paint brush button), click on drop down arrow by "color" and choose foreground, then choose the color you want.

I have only just begun to play with this, but it seems the icons are only one color and are all "foreground" with clear backgrounds. I have found none, so far, that give me an option for another color. But at least you can change the main foreground color.

Hope this helps!

Leitha Sackmann GIS Coordinator / Planner Fulton County Regional Planning Commission, FCRPC 152 S. Fulton St. Suite 230 Wauseon, Ohio 43567 419-337-9214 (after 4:30/9220) Fax-419-337-9297 lsackmann@fultoncountyoh.com

New York City USA - Wendy Brawer <web@greenmap.org>
More on ArcView & welcome, Sherwood USA Date: Fri, 8 Feb 2002

Hi Mapmakers,

I'm glad to pass along the response from ESRI to the Arc View question -- not sure this is all the info we need. Our Icons are a True Type font, I'm pretty sure.

If this looks good to the Arc View users, please let me know. I would like to ask one or two of you to help us update our file on this so we have complete ArcView new version info for future users. Please let me know if you can do this. Thanks -
- I have Mr. Esri's email if we need to ask more questions. Have a good weekend, everyone! best, web

Regarding your icon question...the LZW compression is a bit of nastiness unleashed on us from Unisys, who hold the rights to this form of compression and requires many software vendors to pay them a royalty to support it. This is

the reason your Arc 8 user is receiving an error message. (We offer a separate LZW compression license for use with Arc 8 and something similar for ArcIMS.)

I find True Type Fonts the most compatible with everything I work with in Windows. It's the format we chose for distribution of all our point symbols at version 8. However, this may not be the best choice for Mac users (?)

Here is a link to our on-line tech support which recommends Windows Enhanced Meta Files (EMF) as the best "image" format.

<http://support.esri.com/search/KbDocument.asp?dbid=17862> But consider that what we refer to as an "image" is usually an aerial photograph or picture of some real-world scene. These images usually contain many colors and can be high resolution. Your icons may be simpler graphics with fewer colors and lower resolution, in which case a GIF, JPEG, or PNG would be appropriate.

I'm not sure if this helps, image formats are not an area I have a lot of depth in. In summary, when I symbolize point features in Arc8, ArcView3 or ArcIMS, I prefer True Type Fonts. When I include graphics or images on a map (i.e., scanned pictures) or include images of overlays on vector data (aerial photograph), JPEG's seem the smallest in size and easy to work with. I hope this helps!

Fulton County Ohio USA - Leitha Sackmann

<lsackmann@fultoncountyoh.com>

ArcView/icons Date: Mon, 11 Feb 2002

Wendy and other possibly interested mapmakers,

Problems with icons: First, I think we have to find out why some of the icons (if they are all True Type fonts) do not translate into markers in ArcView (and possibly other applications?). This problem may have been created when converting the icons between Mac and IBM(?). In Philippe Paquin's e-mail from 11/9/1999 he suggests a possible solution to this problem - associating the icons with different characters (keystrokes?). I do not have any other solutions to add to this, except to offer ideas where to look first. Possibly some icons were converted to True Type and others weren't? How can we tell? Do the icons that don't translate to markers (Philippe said in same e-mail that he sent a screen shot titled "ArcView can't see") coincide with the keystroke problems with IBMs?

On My computer - 113 icons turn into markers - most that don't are near the bottom of the imported marker list. The twelve that I don't have are: world music, shanty town, child friendly, wind energy, scientific site, significant habitat, dog run, autumn leaves, bamboo forest, camping, light rail, and solid waste transfer. All of these seem to coincide with errors on my printout of "GREEN MAP ICONS FONT KEY MAP VERSION 2" so I believe it may be a problem with the icons rather than just in ArcView. Can this be so?

Are these the same icons missing from Philippe's and maybe others? All twelve icons are ones that did not print out correctly for me in the KEY MAP and that I haven't been able to figure out how to print them out, even in Word, yet. I don't understand what to do about the "option" key, and I don't understand what the "deci number" is (if it's the decimal number that doesn't work for me).

I think more people will be using ArcView (and other GIS applications) in the future, so I think it would be worth figuring this out. True Type fonts are the solution for all these applications, I believe. All the other info from ESRI seems correct and understandable.

I would be willing to give more input about using True Type fonts with ArcView 3.x, if we figure out the above bugs. I would also be glad to try and make JPEG (rather than GIFs - because of the recent problems with LZW compression) markers if the "TT Font" way, above, doesn't work - especially if I can get the ones already made by Karl Musser as JPEG's (see his e-mail 1/16/01 in response to Gayle Miller's).

Hope this helps, Leitha (from Ohio)

Leitha Sackmann GIS Coordinator / Planner Fulton County Regional Planning Commission, FCRPC 152 S. Fulton St. Suite 230 Wauseon, Ohio 43567 419-337-9214 (after 4:30/9220) Fax-419-337-9297 lsackmann@fultoncountyoh.com

New York City USA Wendy Brawer <web@greenmap.org>
Icons & ArcView Date: Mon, 11 Feb 2002

hi Leitha,

I don't know if you read the Read Me that came with the font, but here is what it says:

How to install this downloaded Green Map Icon Font in your Windows-based computer: Follow these directions carefully, and if you need help, try it again before you contact Wendy for help:

1. In the file you downloaded, you should have the following files: -"grmi____.tff" & "grmi____.pfm" (these are the True Type font files) (if the TTF is missing from the end, type it onto the name.)

-keymap.rtf, a document in rich text format, that tells the organization, and gives a Key-map. This can be opened in Microsoft Word and other word-processing programs -

Note: PC users will need to use the deci number instead of the keystroke whenever an option key was used in the font (which was designed on a Mac!). 1.

Use the Alt key, hold it down & type in the deci number on the number pad (this might be the separate keypad on the right).

2. Press enter, after each set of numbers, the icon should be there.

3. If not, you may need to highlight the symbol that showed up, copy it to your document and change the font to Green Map.

4. If it is still not working, please try a different application (a notepad or simple text is good). Then transfer the icon to desired application.

This is a bit confusing, but with so many kinds of PCs (and this being a total Mac environment), it's a bit tricky to explain.

Leitha, please try that deci number method. When we update the font next year, we will try & deal with the deci number question a bit more elegantly.

Thank you for your offer below! Please let me know if you have problems, etc. I can email the whole Read Me to anyone who needs it...many thanks Wendy

I would be willing to give more input about using True Type fonts with ArcView 3.x, if we figure out the above bugs. I would also be glad to try and make JPEG (rather than GIFs - because of the recent problems with LZW compression) markers if the "TT Font" way, above, doesn't work - especially if I can get the ones already made by Karl Musser as JPEG's (see his e-mail 1/16/01 in response to Gayle Miller's).

Seattle USA - T. J. Moore <tj.moore@mindspring.com>

Re: Icons & ArcView Date: Mon, 11 Feb 2002

Hi all:

Regarding GMS icons in ArcView, I can't speak to issues/problems with ArcGIS 8.1+ (of which ArcView 8.1+ is a component in this suite of software tools). We have ArcGIS 8.1 at work but haven't bothered to install just yet because ArcInfo 8.0.X wasn't all that it was promised to be. Hopefully, ArcGIS 8.X will be better.

Regarding ArcView 3.2a, of which I have licensed at home, it does work with the GMS icons (sort of). If you follow the instructions in the "arcviewnotes" file you can get marker symbols in the marker palette/symbol window. However, I get, I believe, 114 icons (of the 125 icons in the set) to appear in the marker palette/symbol window.

I suspect the discrepancy has to do with Wendy's comments noted below. The Avenue script that runs in ArcView when you hit the "Create Markers" button in the font palette window probably doesn't take this into account when it converts

the fonts to marker symbols. So, I suspect that the Avenue script must be modified to get the full set of markers symbols from the full font set. I can probably do this soon, but likely not this week...maybe in the next 2-3 weeks I can get to this.

A better way to do this would be to create/use an Avenue script that creates an ArcView palette file (.avp). I thought, in my last affiliation with the GMS in 96/97, that such a script existed on the GMS icon disk. I vaguely recall running a script provided to me that created the .avp file. Wendy, is my memory failing me? Can you check the contents of the previous icon set (version 1) disk?

In any case, I think the Avenue script shouldn't be that hard to regenerate by tweaking the existing scripts provided by ESRI. I'll try to get to this in the next few weeks if someone doesn't beat me to it.

TJ

New Haven Connecticut USA – Linda Laniado <llaniado@newhavenct.net>
Greenmap Design Question Date: Thu, 18 Jul 2002

Hi everyone, My name is Linda Laniado, and I am managing the New Haven CT Green Map project. Currently, we have all of our information collected and are working on the map layout. My question is, how did other mapmakers get a box with a number in it to draw around the icons? I am drawing the layout using Arcview and cannot think of a good way to do this. Any advice would be very helpful. Thanks!

Sincerely,Linda Laniado

Linda Laniado City Plan Department New Haven City Hall (203) 946-7812
llaniado@newhavenct.net

Upper Mississippi River USA - Hunt, Mark <Mark-Hunt@augustana.edu>
Will the new icons work in ArcGis 8.1? Date: Mon, 6 Jan 2003

Hi, Mark Hunt here Green Mapper of the Upper Mississippi River. I could really use those icons. Do they work for the new version of ArcGis 8.1? How do I get them? Most of the icons I needed from the starter pack worked, but I had to improvise a couple of icons.

thanks Mark D. Hunt

Seattle USA - T. J. Moore
New Year New LOGO! & GMS Icons in ArcView 1/5/2003 12:20 AM
Wendy:

As an FYI, there was some discussion on this list, some time back, about problems with GMS icons in ArcView.....not all icons would show up in ArcView. Well, I have an Avenue script that can be run in ArcView that will solve this problem. Better yet, I have a new palette file (.AVP file for ArcView) that contains all 125 icons as markers in ArcView. So, I'll forward the Avenue script and the ArcView palette file to you for dissemination to ArcView users! (If this nagging problem has already been solved.....my apologies.)

Best wishes to all for a peaceful and enriching new year!

TJ

Cambridge Massachusetts USA - Jerrad Pierce <belg4mit@MIT.EDU>
ESRI ArcMap icon integration HOWTO Date: Fri, 21 Nov 2003

For ArcMap (ArcView do the following)

1. Install the Green Map icon font
2. Download and extract GreenMap.style from:
<http://greenmap.mit.edu/GMStyle.zip>
3. Layer Properties> Symbology > Symbology Selector > More Symbols > Add...
4. Browse to GreenMap.style

Et voila!

The style includes all icons as point markers, as well as line symbols for pedestrian zone and on/off road bike path. The names are mostly as given on the poster, with some minor changes.

Columbus Ohio USA - Andrea Gorzitze <agorzitze@mail2.morpc.org>
Looking for advice on software Date: Thu, 15 Jan 2004

Hello Fellow Mapmakers,

here in Columbus Ohio, we are in the middle of our public outreach phase and are now gearing up to deal with data collection and map making. Our agency has been using ArcView 3.2 for a number of years but is planning to switch to ArcGIS at some point - when, nobody knows. Since our project is more or less separate from the rest of the agency, I was thinking of going with ArcGIS. I am not very proficient in ArcView at this point and would have to learn a lot anyway.. Our partners outside the agency use the whole spectrum of mapmaking software from MapInfo, ArcView to ArcGIS....

What are your experiences? Anybody really happy with their software? Any words of advice?

Thank you,

Andrea

Cambridge Massachusetts USA - Jerrad Pierce <belg4mit@MIT.EDU>

Date: Thu, 15 Jan 2004

I'm using ArcMap and am rather happy with it, I had some ArcView experience prior. I'd like at several other packages earlier on however. I looked at GRASS, Natural Resources Database, Map Maker, etc.

<http://opensourcegis.org/>

<http://www.dpi.inpe.br/spring/english/download.html>

<http://www.bookcase.com/library/software/win9x.undef.gis.html>

<http://www.geocities.com/ueditor/>

<http://www.inovagis.org/>

<http://software.geocomm.com/viewers/general/>

<http://www.mypalawan.info/nrdb/>

<http://www.gismonitor.com/products/free/freeGIS.php>

<http://www.digitalgrove.net/Toolbox.htm>

<http://www.christine-gis.com/>

I wasn't too impressed by any of these. I recently found MapWindow <http://www.MapWindow.com/> and quite liked it. It's not nearly as full featured of course, and is intended mainly as a viewer but could be used as a servicable editor.

Massachusetts USA - Jerrad Pierce <belg4mit@MIT.EDU>

Date: Tue, 17 Aug 2004

I disagree with the so-called futility of GIS, and necessity of a graphic designer. In my experience GIS software gets a good 90%+ of the features located well. I think it's better then to select-out the truly offensive features, for manual placement. One tip I've found is to represent a particularly bothersome layer as labels instead of points. So, given a layer of apples instead of using a point symbology use no symbology for the points but label the points with apples. This allows the label rendering engine to handle collisions and overlaps, something it does very well. In my most recent 4 maps (1 small-scale with 3 larger-scale insets at 80-150 point features ea.) I only needed to place a single site manually.

New York City USA – Wendy Brawer <web@greenmap.org>

GIS & Tech for GMS Date: Fri Sep 10 2004

hi again, Mapmakers

this is a compilation of responses to the GIS messages -- we encourage the discussion to continue over the Forum!

- Ian O, Sacramento Sacmap said:

Here is a piece of software that may prove to make a huge leap in integrating GIS & graphics software:

<http://www.avenza.com/products.mapub60.html>

- Wendy Brawer wrote:

thanks for pointing this out, Ian, it does look very interesting! Has anyone in this network used this software yet?

- Jerrad Pierce, Cambridge

\$999? That's not cheap.

I'm downloading it now to take a gander (it's not small either, 87Mb).

I'll post some impressions later if people are interested (let me know off the list).

- Peter van de Loo, Berlin

Hey Wendy What's up? Interesting discussion about that map publisher - but I agree to the fact that it is too expensive - and also their updates cost a lot of money

Furthermore they are a minor company

From that side I think it's easier to get some company- university- research related free sample software while asking for - I had for half a year now my ESRI stuff for 70 Euros to check it out -

Including guidance book and neat 3D extensions - That's enough time to create an information system - Nice weekend and Cheers to The New Yorkians Pit

- Matt Groshek, Milwaukee

I had used MAPublisher for Milwaukee's first Green Map, and it was a great tool when translating between GIS and Illustrator. It gave me great graphic control and worked beautifully then - this was nearly 5 years ago now.

- Jo Tippett, Manchester

I have heard from a small consultancy here in Manchester that I have a lot of time for "a very useful piece of software indeed! Has already saved us plenty of time (and frustrated effort) in converting maps from GIS into a design-friendly

format.Highly recommended ..."

- Ian adds:

Hi Wendy! I know Greenmapping isn't really about the technology of mapping, but we're finding it can help generate interest in projects, and facilitate the process. Here are a few new pieces of mapping software that may help.

PhotoStreet 93 1.1

Lightweight, inexpensive, and easy to use software that guides users through a simple process to produce a webpage with address-specific mapping of photos. Uses auto-downloaded GIS basemaps from online servers. Process: take a series of photos, input address, link icon to photo, publish interactive webpage.

Sacramento Greenmap is currently using this package, and are finding it very accessible to non-technical users (and techie second graders, too).

Available for \$30 at:

<http://transmutable.com/93PhotoStreet/index.html>><http://transmutable.com/93PhotoStreet/index.html>

I'll let you know just as soon as we have an example of the PhotoStreet93 produced mapping on-line, should be within next two weeks (will be at <http://sacmap.blogs.com/>><http://sacmap.blogs.com/>)

GPS PhotoLink

Software that receives both GPS points and digital photos, auto-links them, and maps them. Process: for each photo taken, a GPS point is also taken. Download both, and software will coordinate each photo to the location it was taken at (by time).

Available for \$399 at:

http://www.mts.net/geo/gps_photolink.htm>http://www.mts.net/geo/gps_photolink.htm

Cambridge Massachusetts USA – Jerrad Pierce <belg4mit@MIT.EDU>

Mon Oct 4 12:43:46 2004

About Avenza's MAPublisher

After quite a bit of difficulty getting the program setup (problems with the license) I finally managed to get a chance to play with it for a few hours two days before it expired.

Here are some of my initial impressions:

MapPublisher does not seem as though it would be useful without prior computer mapping experience.

It requires much more knowledge about projections than a GIS app would, as it is quite poor in doing things automagically. I loaded a CSV with lat-long data and then added a shapefile of the same extent in stateplane meters, and the two layers did not correspond at all.

Everything shows in the document, in a GIS a document is the world (in edit mode) and you can tell when things are awry... they don't show in your current view frame.

"The app is missing much, of course, including obvious such as info" I think this note meant you don't seem to be able to query features for details.

A GIS is like Photoshop. Illustrator isn't really for creating such complex things from scratch. You tweak things in Illustrator. Use GIS and export to EPS or AI or PDF for tweaking.

Take with a grain of salt of course, I like GIS

New York City USA - Wendy Brawer < web@greenmap.org >
GIS & Participation & News Mon Oct 4 19:26:44 2004

Hi Mapmakers!

Thanks to Jerrad for the careful review of Avenza's MAPublisher -- very helpful! There's a new article up, "The Green Map System as a Means for Public Participatory GIS Education and Exploration," by Rutgers University Professor David Tulloch <http://crssa.rutgers.edu/ppgis/PPGIS2004.pdf> -- check it out, his students created wonderful Green Maps of this central New Jersey US campus and community.

We have added all of this discussion to the Green Map Forum. We hope more of you will start to use this online discussion page to exchange ideas and talk over issues from a regional or subject based perspective. Sign on at <http://greenmap.org/gm/forum> --- it's easy to add new topics, send private messages, etc. It could be a great resource for all of us!

More news soon! all the best, Wendy

8. MAP SUCCESS AND INSPIRATION

Toronto CANADA - Green Tourism <greento@city.toronto.on.ca>
Toronto's first green tourism guide book Date: Mon, 15 Jan 2001

Hello again!

I thought I would send a separate email announcing the publishing of the first ever green tourism guide to Toronto - The OTHER Guide to Toronto: Opening the Door to Green Tourism.

It is our second major tourism product (the first, of course, being the green map). Please see the guide book page on our website for more details!

www.greentourism.on.ca

Although it was a long and somewhat convoluted process figuring out how to manage the research, compilation, writing, editing, layout, printing, publishing and now distribution of our own book, we are very excited to have it in our offices and be able to tell people about it. The official launch will not be until early March, but it is available online now through our site!

Cheers! Anna

Anna Gibson Executive Director Green Tourism Association (416) 392-1288
500 University Avenue, 8th Floor Toronto, Ontario M5G 1V7

New York City USA - beth ferguson <bethferg@hotmail.com>
New Youth Green Map Date: Fri, 19 Jan 2001

Hello Green Map Makers,

The Brooklyn Youth Waterfront Green Map has been Launched! Number 25th published and 55th completed Green Map. "Stop Fronting, Discover Brooklyn's Real Waterfront with North Brooklyn Recycle-A-Bicycle"

Last night we had a Launch party at the Recycle-A-Bicycle shop in Brooklyn with over 70 youth and guests. It was a great mix of parents, students, environmentalists, Green Map makers, community organizers, bike advocates, teachers and principles. The students that were involved in the four week waterfront green map making program all spoke about their experiences and what they learned.

The goal of the project was to get students involved and learn more about waterfront issues by bike and to create a Green Map with a retraceable bike route for its users.

The program helped the 15 students involved work on their leadership, symbol drawing and writing skills, as well as public speaking abilities.

The launch party was video taped and there are now 3,000 printed Green Maps. The 11 by 17 pocket sized Maps were printed on recycled paper with soy based inks and are self-mailers (You just put an address and stamp on it.). The printing was sponsored by the Metropolitan Waterfront Alliance who also help a great deal with the information gathering.

Email me if you would like a map sent to you or have questions about the project.

-Beth Ferguson Green Map, Youth Coordinator

New York City USA - Wendy Brawer <web@greenmap.org>
snowy morning greetings! Date: Mon, 26 Mar 2001

Hi again, folks,

I've been looking at Mid-Michigan's map over the weekend, and it's really a lovely Green Map (I'm not just saying that because it's the state I was born in!). Gayle & colleagues did an amazing job on it. It's 2 colors, blue & green on 100% recycled creamy paper, and looks so clear and informative. I think there's about 350 sites on it, and maybe it's the first to print on the per copy cost (\$0.15), and overall print cost of \$2929.55!

happy monday to all! Wendy

Is NYC's new Green Map to be the Millionth???
New Japanese Green Map & Great Press!
Date: Thu, 19 Apr 2001

Hi Mapmakers, & happy Earth Day, almost! Good luck to all who are doing events, like in Dublin & St. Louis & other spots!

I'm happy to tell you lots of good news, the first being that the latest Green Map has been published! This is for Okayama & Takamatsu Japan, and it's really loaded with sites researched by many small groups (families, after school clubs etc) under the leadership of Isako Yamaguchi & friends at RSK Sanyo! This map has two covers and can be folded different ways to emphasis the 2 cities covered. She sent us great images of kids doing research, too, wonderful for our archives! Congrats (Omedeto Gozaimusu!) to Isako!! This is the 60th Green map completed, and though a small print run (400 copies), I'm sure it will have a good impact. I'm also very happy to say that the Japanese Green Map projects have their own list-server going now & the Mapmakers are encouraging more new projects to start -- we hear the northern city of Sapporo may be next to join! This

is the first national Green Map Listserv (i think) !

Calgary! We hope you all like how it looks when it comes out later this summer!

New York City USA - Wendy Brawer <web@greenmap.org>
2 more new maps! Date: Sat, 28 Apr 2001

hi Mapmakers,

Very happy to say that you can now see the Jamaica Green Map on the web,

<http://www-ec.njit.edu/~amb2070/greenmap/index.htm>

this one is completed for now by an information design student in New Jersey US, about her home country. Congrats to Ava-Gale Brooks! There's not much to see in terms of a map, but lots in terms of listings and info on sites. The link to her home page is neat, full of sounds and images of Jamaica, and I've encouraged her to add more of a linkage between the 2 sites. Congrats to Ava-Gale! A national Green Map is no small undertaking, and this represents just 3 months of work! it is the 61st place to be greenmapped!

Melbourne AUSTRALIA - Michael Abdilla <michael.abdilla@rmit.edu.au>

Organization: Centre for Design at RMIT University
Melbourne Green Map Published Date: Fri, 29 Jun 2001

Hi Map Makers world-wide

I am very pleased to report that the City of Melbourne Green Map (Melbourne, Australia) project is nearing completion. On Monday June 4, 10,000 copies of the first run of print maps were published and delivered. Additionally, the on-line version of the City of Melbourne Green Map went live onto the Internet about an hour and a half ago (Friday June 29, 5:30pm local time). Please visit the site at: <http://www.melbournegreenmap.org/>

An official launch of the entire project (both components) will take place in the near future, after which project publicity and distribution of the printed maps will take place. The Green Map System world-wide community is warmly invited to preview the site at the address above before the official launch.

The City of Melbourne Green Map was conceived by the Centre for Design at RMIT University and produced in association with the City of Melbourne (local government) who generously funded the project and made many of its own internal resources available to the project. This made content development much easier than it otherwise would have been.

The print map contains 310 sites within the boundaries of the City of Melbourne

while the on-line version contains in excess of 500 entries from across the entire municipality.

The Web site utilises the latest in Flash technology (you will need the Flash 5 plug-in appropriate to your browser and platform) and an MS-SQL database back-end to render an interactive and visually exciting on-line presence for the Melbourne Green Map. It was always our plan to ensure that the on-line version of the Melbourne Green Map would be one of the most innovative and well executed Web based maps anywhere in the world. It has taken some time but I hope we have achieved our goal - I'll let you be the judge.

Please visit the site and enjoy.

Best wishes for your own wonderful projects which have been my inspiration over the last two and a half years or more.

Cheers, Michael

Michael Abdilla Project Manager - IT & Environment Centre for Design at RMIT University GPO Box 2476V, Melbourne, 3001, Australia Vox: +61 (0)3 9925 2237 Mob: +61 (0)407 533 088 Fax: +61 (0)3 9639 3412 Web: <http://www.cfd.rmit.edu.au>

Sheffield USA - Scot Fletcher (SCS)" <S.Fletcher@shu.ac.uk>
Sheffield Greenmap Launch Event Date: Wed, 04 Jul 2001

Hia Global Greenmap makers

I'd like to report to you all about the very successful launch of the Sheffield Greenmap project. [the launch of hte concept, not the completed map].

This happened at Heeley City farm's brand new Eco-building on 2nd of July. 60+ very interested people came and where entertained by myself, talking aobut the romance and potential of maps, Wendy, doing her thang, [she very nearly kept us there all night] plus Richard Scott talking about a web development tool.

The event was a great success and I now have to make a forward plan. we drank organic wine and juice and then retired to the local pub for celebratory drinks and more discussion. All this after walking around the area with the taster Heeley Map [Heeley is a district of Sheffield]. All this and more will be on the web site soon, I hope.

Wendy and I where in one regional paper, in a local one at the end of this week and appeared live and direct on the radio at 7.30 in the morning.

So thanks to the globe trotting WEB, and happy july 4th to you all

tarrar

Scot

Dr Scot Fletcher Design and Innovation Research Unit Sheffield Hallam
Universtiy Paslter Lane Campus Sheffield S11 8UZ dd 0114 225 2661 fax 0114
225 2603 sheffield greenmap website:
<http://its.dsvr.co.uk/greenmap/greenmap4.html>

Kyoto JAPAN - Misako Yomosa <yomosa@mbox.kyoto-inet.or.jp>

Kyoto Bike route map Date: Thu, 5 Jul 2001

Hello! Wendy & map makers

This is Misako of Kyoto GM made in 1997. I'm pleased to inform you a new accomplishment of Kyoto Bike route map (Sakyo-ward).

I've been involving in the eco-transportation group of the Agenda 21 Forum of Kyoto City as a director(this is the organization which intend to change Kyoto into a sustainable city with the partnership of citizens, government and enterprises). This test map is adopted as a pilot project in 2000 and a trial of our plans to promote bikes for sightseeing in Kyoto.

This map includes -4 suggested bike routes: a route for family, a challenging route for cyclists, a route for discovering secret places, a route for enjoying culture and art -hotels that bikes are available -rental bike shops, bike shops (available for repairing bikes) -bike delivery service -bike parkings -public bathrooms -wildlife watching sites -organic restaurants, cafes, catering service - traditional festivals in Sakyo-ward -information of flea-market -riding etiquette, etc
Size: A3 both sides, full colored, 3000 copies published on 22 June Price: 100 yen

We made this test map with making the rental cycle system. That means, we proposed or asked some hotels to accept our plan... Or if there is not bike parking space in temples & shrines, we asked to set up, etc. I think this map is a good media to make a real usable system.

And members of Tennen Design Forum who helped the previous Kyoto Green Map strongly assisted this bike map again. Yoshitaka Takebayashi, Akihiro Yamada, Yuko Tanaka. Thanks a lot.

Misako Yomosa

Environmental activities by designers. Ms. Misako Yomosa Tennen Design Forum (Director) E-mail: yomosa@mbox.kyoto-inet.or.jp Tennen Design Forum

Web: <http://www.joho-kyoto.or.jp/~tennen>
Kyoto Net Web: <<http://hb6.seikyoku.ne.jp/home/kyoto-net/>>

New York City USA - Wendy Brawer <web@greenmap.org>
Year of EcoTourism & Malmo! Date: Thu, 12 Jul 2001

Hi Mapmakers,

Thanks to Rachel Dodds at Toronto's Green Tourism Association, who pointed out their online newsletter , <http://www.greentourism.on.ca> has a story on 2002 being the International Year of Ecotourism! It was declared by the United Nations, and many people will be gathering in Quebec City CA next May <http://www.world-tourism.org>

for a major exchange on this theme. There is already discussion of the Pros & Cons of Ecotourism underway at <http://www.twinside.org.sg/title/iye4.htm>

I will contact the organizers as I think Green Mapping represents something different as we promote local eco-tourism: not high-impact traveling but appreciation for the nature and culture that's nearby. Through our maps, we also often encourage urban eco-tourism, quite a different thing than directing people to visit the wilderness.

Have a great day today, too! best, Wendy

New York City USA - Wendy Brawer <web@greenmap.org>
New Bike Map! New Cross-Border Project! Date: Wed, 18 Jul 2001

hello Mapmakers,

The sweetest little Green Map has arrived, it's even smaller than Copenhagen's (I mean the folded size) and in cool shades of purple, green & orange! It comes right from Kyoto & it's the new Bike Map and it's got 4 tours on it that take you up and down the city's hills to see the best sites, enjoy the cafes, temples and nature. Several new Icons are included, as Misako explained in her previous message, bike repair site & public restrooms are among them. I want to congratulate Misako and Keiko and everyone who made this map so exciting and enticing. I am hoping to see the english version someday, but this map is so clearly designed, even a foreigner would have no problem riding in Kyoto with it. It's the 92nd Green Map published (counting all editions & versions)!! We have a new project today too, and perhaps it's our very first cross-border Green Map, covering 4 small towns on the Norway-Sweden border! Maryanne Aagaard & the Eco-network is ready to chart Fredrikstad - Halden - Stromstad & Tanum!! Welcome to this new team and thanks to Tor in Malmo & Thorleif in Western Norway for helping this group make the connection to us! This is the 144th Green Map project!!

New York City USA - Robert Zuber <r_zuber@hotmail.com>

Date: Thu, 25 Oct 2001

Green Map of Santa Monica/Ballona Watershed Launched

Led by mapmaker, Isabelle Duvivier, Green Map System welcomed its newest printed map at a gala event held at the beautiful Patagonia store at Main Street in Santa Monica, California on Sunday, October 14.

The printed map, distributed initially to the 200 participants who witnessed the launch, provides a visually compelling and innovative overview of many of the ecological and cultural resources that make this part of the Los Angeles area such a wonderful place to live.

Among the distinctive features of the map is its juxtaposition of political and ecological boundaries. One side of the map portrays the Ballona Watershed, an area of west Los Angeles that includes such diverse communities as West Hollywood, Koreatown, Inglewood, Marina del Rey, and Santa Monica. On the reverse is a "close-up" map of the City of Santa Monica, long a leader in promoting sustainable urban practices. The notion of "ecological boundaries" is a welcome one in a region where problems such as water pollution and auto exhaust impact communities far from the source.

The hope is that other communities in west Los Angeles will authorize "close up" Green Maps of their areas to highlight local resources and opportunities for education and action that can help make these communities healthier and greener.

The formal presentations included remarks by Brian Johnson of the Environmental Programs Division of the City of Santa Monica, the principle sponsor of the map.(Dean Kubani, a key project supporter, was also prominently mentioned.) Other remarks were made by Mike Feinstein, Mayor of Santa Monica and head of the California Green Party, as well as by Eileen Corliss of Santa Monica High School and Andy Lipkis of TreePeople. There was also a formal presentation by local political leaders of a check for \$10,000 from Metropolitan Water District to help support the next phase of the Santa Monica/Ballona project. Dr. Robert Zuber of GMS provided the audience with an overview of GMS programs and priorities.

Portland USA - Jason King <jking@mep-pc.com>

Holiday hello & new project news Date: Thu, 20 Dec 2001

Hello and happy holidays from portland.

i got this latest message from wendy and thought it was great. For anyone who is

unfamiliar with conservation economy work done by ecotrust, they have a very dense and hugely informative (it took me a month to get through everything) website:

www.conservationeconomy.net

i think many people will find some great inspiration and connection to GMS with this resource. It has definitely shaped our understanding of the interconnections of places, and also formed a basis for some criteria, by being able to look at a site, and seeing if it helps to complete higher and lower patterns of ConsEcon ideals. And getting to know Stuart is amazing as well.

So i'm really happy to hear this and excited to hear how Murray is going to integrate these two ideas.

take care all.

jason king portland greenmap www.portlandgreenmap.org

THE NETHERLANDS - Renate Foks" <foks@iae.nl>
green maps in the netherlands Date: Tue, 5 Feb 2002

Hi everybody,

I just wanted to inform you about my green map activities down here in the Low Lands (the Netherlands that is).

I am lucky to be involved in 3 different green map projects at the moment!

Two years ago I started the Eindhoven Green Map with the local NGO Forum 21. Part of the map is on-line now (groenekaart.dse.nl) But we are trying to find funds and support in any possible way for a complete site and a paper map. We have some interesting contacts but no "green light" to continue yet. One interesting contact is Kenniswijk/Kennisland. This is a national initiative to promote internet and communication technology in communities. As a project for sustainable issues Green map is welcomed in this initiative. This thursday I will present Green Map and maybe it will be elected a national Kennisland project! That will give us a lot of moral support! And Wendy, good for the GMS promotion in general!

The other Green Maps I am working on are in and around the city of Breda. I have been a freelance educator for this city for a few years now and they have adopted the Green Map approach as an environmental educational strategy. This winter/spring I will make a Breda City Green Map and a youth neighbourhood Map with kids in a deprived area of the city. For the city map I will work with a commercial cartography company. I am very curious how that will work out!! You

will here from me when these maps have evolved, it promises to be a exciting few months!

I also worked on another very different project which has used the Green map system. I have made a small guide about 12 Environmental education centres in which I used the green map icons to illustrate the activities of each centre. This made the guide much more readable. So another occasion to promote the Green Map language!

I just wanted to share this with you. Do you have any suggestions on or good advices on these projects!?They are very welcome!!

Best wishes, Renate Foks

FOKS, Environmental Education Services PO BOX 464 5600 AL Eindhoven The Netherlands e-mail: foks@iae.nl internet: <http://welcome.to/foks>
PHONE: + 31 40 2820 171 FAX: + 31 40 2820 172

New York City USA - Wendy Brawer <web@greenmap.org>

News from all over on Earth Day... Date: Mon, 22 Apr 2002

Happy Earth Day, Mapmakers!

Here it is raining, hurray!! It has been so dry here, so it's very welcome, but it caused our map launch bike ride on Saturday to be shortened. There were about 50 people there when this new kids' map was unveiled, and all seem to really appreciate the Go Green NYC Map - and we even had a couple of dignitaries from NYC as well as one from Tokyo, Masahiro! He has ridden a bike everywhere, and explored everything on LoMap this weekend. Please visit the <http://greenmap.jp/e> website in a few days, you will see more of the Green Map gallery and his NYC adventures posted. If you go there now, be sure to see the section called "Japan" for great views of the Setagaya map (including mobile phone internet version) and the latest Green Map from Kurashiki-Marugame. It's wonderful how everyone there is working together!

We received the new Pittsburgh Green Map this weekend and congrats to Amy Kapp and team at 3 Rivers Connect! This large and colorful map is printed on some material that we do not recognise - is it paper?? and also there is a CD Rom version of it included! Is this a Green Map first? I believe it is the first on CD - wow!

Dom also sent her proposal on PDF, it is very visual and exciting, and there's a version of it online at <http://www.futuremap.info> . This is a Draft, but it represents a beautiful approach to outreach and introduction of project aims to a wide audience.

Here's one of the Green Map events that took place over Earth Day. Jason King

and colleagues will be unveiling their city-wide Green Map on August 27, this day will also be a wonderful regional community mapping summit!! More about it is at <http://www.greenmap.org/news/events.html> and I am very much looking forward being there and learning from Green, "barefoot" and environmental mappers of all kinds who will exchange ideas that day! Many thanks to Jason and Portland Green Map and EcoTrust for pulling everyone together!

best, web

PORTLAND GREENMAP WALKING TOUR Hosford-Abernethy Neighborhood

Join us for an Earth Day tour of ecological and sustainable places in the Hosford-Abernethy Neighborhood in SE Portland. This short, informative walk will include significant trees, green businesses, re-use sites, environmental organizations, bike resources, community gardens and much more. Find out what Greenmaps are, learn more about the Hosford-Abernethy neighborhood, find out about our upcoming city-wide greenmap that will be released this summer, or see how to begin the process for creating a Greenmap of your neighborhood. The tour will last an hour, and will start and finish at the Earth Day Celebration at Environmental Middle School.

When: April 20th - 10:30am-11:30am Where: Environmental Middle School (2421 SE Orange - just north of 12th & Division in Ladd's Addition) Meet at the Earth Day Celebration Information Booth; Dress Appropriately for the Weather

For more info on Portland Greenmap: <<http://www.portlandgreenmap.org/>>

New York City USA - Wendy Brawer <web@greenmap.org>
News from Campinas Brazil Date: Mon, 27 May 2002

This report comes from "Leonardo Freire de Mello" <leonardo@instituto21.org.br><leonardo@instituto21.org.br> in Campinas Brasil. I asked Leo to share it with all, as it's a great story of perseverance, and I think very encouraging to know about. Good luck to Leo & team! best, Wendy

Finally I got some time to organize myself to sit in front of the computer to write you this little report about our CampinasGreen Map project that is becoming two years old.

During its first year (2000/2001) we had some advances and established a contact series that resulted in some concrete partnerships and a long list of disappointments, as you will see later. I made a lot of presentations of the project to some of the most important governmental, non-governmental and private institutions of the city. All these meetings and presentations I just got the informal support of some people and a long series of promises that later becoming

nothing.

After that I was approved in the selection process for the Mastership Masters Degree in Environmental Planning of the Department of Sanitation and Environment of the Civil Engineering Faculty of UNICAMP. In March of 2001 I started my classes and to plan my thesis research project in which the ideas and concepts behind the Green Map play a very important role. As soon as possible I'll translate it to English and send it to you.

Around June/July of the same year Instituto 21 the NGO I work for and that is the official CampinasGreen Map maker got into a huge organizational crisis and the Green Map project got into a stand-by period. At the end of August end beginning of September of 2001 we were contacted by some people of the City Hall that told us about the possibility of a concrete partnership to the mapmaking process including the possible accomplishment of some investment of financial, personnel and material/equipment resources that would give a boost to the project.

I had some very productive meetings with them but, at the moment that the partnership would be officially signed, the City Major {Mr. Antonio da Costa Santos, known as Toninho} was brutally murdered and the municipal public administration, as well as the whole city, went into a collapse. It took place at the end of the night of September 10th, 2001. The following day all of us witnessed the attacks against USA and became sure that nothing else would be the same.

At this moment i21 was caught by a wave of changing that took place all over the world. I decided to let the Green Map go for the last months of 2001. During those days I read a lot of interesting books and articles and some ideas consolidated in my mind. Around January of 2002 I decided to start over again the mapmaking process by myself. It unchained a process that was excellent for me, for the Green Map project and for i21 too.

To abbreviate the story, i21 was invited by three other local environmental NGOs to share a house and I got a new and enthusiastic group to make the map. The CampinasGreen Map was included into another and bigger project that still does not have an official name that intends to develop a public participation increase tool that aims to make the Campinas citizens, mainly the poorest and more excluded ones, to become more involved with the local policies of development, quality of life and social inclusion. Within this project the Green Map will be made in a much more participative way and will become the base layer of an interactive geographical information system that will be available on the Internet and on public access huts all over the city where people will be able to get information about the city and the public services offered as well to give information about them that will be processed by a dynamic database system that will produce reports that will act as an assessment for the public policies, increasing their

performance.

My team now has 10 people from the most different academic and professional backgrounds. During last March and April we had a lot of conceptual discussion meetings and at this very moment we are working in the strategic planning for the project. As soon as we finish the strategic planning and the business plan of the new Campinas Green Map (I think that it will happen in one month or something around it) I will translate it and send it to you.

I hope that I were able to give you the big picture of what happened here during the last two years since we exchanged our first series of email messages and I decided that I would do the Campinas Green Map. I'd like to know what do you think about everything I told you and mostly what do you think about the new project. I'm sure that you, as ever, will have great comments and ideas that will help us to make it better.

Wow, what a long message I think I will finish it by now.

My kindest regards. Hope to hear from you as soon as possible.

Leo Mello

Campinas Green Map Team Leader

New York City USA – Wendy Brawer <web@greenmap.org>
Eco Tour Idea Date: Thu, 13 Jun 2002

Hi Mapmakers,

This event invitation comes from David Tarrant, (projecteco@hotmail.com) Mapmaker in Bangkok & Thailand National Parks, and I thought a good idea to share with the network. I know other Mappers have created Rallies in the past, including Calgary Canada, to celebrate their bike-friendly Green Map launch in 2000 - as a fun & attention-getting way of involving the community. I hope you will share your ideas for creative Green Map events, too!

Bob & I are looking forward to meeting and working with David soon in Best, Wendy Bangkok! Wow! Best, Wendy

INVITATION TO PARTICIPATE Environmental Outreach Program with
<<http://www.greenmap.org/>>Green Maps

Eco Rally Not for Profit nor Loss program produced by ProjectECO

Scavenger hunt involving Clues, Maps, Satellites, Fun & Adventure with the aim of developing awareness & participation in Sustainable Tourism

EVENTS

Bangkok 2 Khao Yai August 2002 Bangkok 2 Sai Yoke October 2002 Bangkok 2
Kaeng Krachan December 2002

SUMMARY

Fund Raising activity with proceeds for investment in sustainable conservation projects Visit resources supporting sustainable communities within the area Contestants choose their own mode of transport and route An optimum fossil fuel allowance for class of vehicle Bonuses for under consumption Penalties for over consumption

PARTICIPATION OPTIONS

DESTINATION * CONTESTANT * SUPPORTER

JAPAN - Masahiro Horiuchi <masa@toshikobo.com>
New Green Map in Japan! Date: Sun, 30 Jun 2002

Hi everybody! This is Masahiro Horiuchi of Setagaya Green Map. Renate, congratulations on your new Breda Greenmap!

We published a new green map Yesterday (June 29, 2002) as a sub-set of Setagaya Green Map. It is called "Tamagawa Tri-area Green Map" covering a part of Setagaya and adjoining area along the Tama river. Icons used are only natural, historic, parks, museums, community gardens and community farms. This has become the 6th printed green map in Japan.

What is special to this map is the way it was distributed; delivered free to over 500,000 families(!) in the morning yesterday. The reality was.... it was printed as a part of commercial "Free paper". We had discussions when we were invited to do this, but our conclusion was rather than the paper is totally wasted, it is better if the paper remain at the hands of people for better purposes... It came out very beautifully, and I am sure many people will keep it. It will give chances to many people to get to know about green maps by the description and our homepages (URL is printed). This might needs discussions though. Please give us comments if you have any.

We are now busy preparing the first "Green Map Japan" meeting on July 13th. Mapmakers from 10 green maps in progress in Japan will meet the first time when Wendy and Bob visit Japan. On ten next day, "Tokyo Cycling Green Map" will hold a workshop to bike around the central Tokyo with Wendy and Bob. These will really be exiting events!

MASAHIRO HORIUCHI <masa@toshikobo.com> 2-32-11 Okusawa, Setagaya-ku, Tokyo 158-0083 Japan Associate Professor, Tama Art University
<http://www.tamabi.ac.jp> Green Map Japan <http://greenmap.jp/e>

New York City USA - Wendy Brawer <web@greenmap.org>
From Eco-Montreal, Canada Date: Fri, 2 Aug 2002

Hello Mapmakers,

I wanted you to see this wonderful message from Douglas Jack, Coordinator
:eco-montreal@mcgill.ca

best, Wendy

Hello friends of Eco-Montreal Tiohtiake green mapping,

This past two years Eco-Montreal Tiohtiake has devoted its effort to working with the communities of Kahnawake and Kanosatake to provide Geographic Information System GIS mapping of Kanien'kehaka Place names for the greater Montreal region called Tiohtiake. Over thirty elders from Kahnawake and other individuals from Kanosatake have worked with a team of students to record archival and oral histories of place names, meanings and other information coming from these communities which tell us about our bioregion. This work is still in draft form until we have a full review by First Nation scholars. It is available for limited viewing in report form as: - Reviving Language to Save Culture and Territory, A Case-study of the Kanien'kehaka in Kahnawake - Tiohtiake: Cartographie des noms des lieux et des villages des Premières Nations - Indigenous social structures and practices for sustainability; links with bioregionalism - Kanosatake Place names in GIS

In order to continue this work we are working with youth from Kahnawake Survival School to GIS map Traditional Knowledge from First Nation sources. We have applied for funding from Human Resource Development Canada Youth Service program and hope we will get the support necessary to work with as many as fifteen 'out of school' youth for mapping and chronicling traditional knowledge with community elders. We are hoping to place this work on the web eventually for access and input by 22,000 persons of First Nation heritage on Montreal island and as many in the larger community off-island. We hope to be working with ESRI Arc IMS technology which allows viewers to add information directly on the web.

This work should provide us all with a baseline for understanding ecology and heritage in our region. We hope this celebration of First Nation heritage will reinforce the eco-Montreal Tiohtiake mapping work of the past nine years now and each of your devotions as well. In turn we hope to return to the mapping of Green organisations, sites, practices, parks and businesses throughout the

whole community.

If you look in Thursday July 11th Montreal Gazette in the A section, please read an article by Charli Fidelman on the fires of northern Quebec and how supplying the extravagant electrical power demands of southern consumers has led to the drying of the climate of Northern Quebec and the huge forest fires. Douglas Jack organised and contributed to this report featuring Environment Canada Meteorologist Rene Brunet.

Ecological mapping is all about gaining a comprehensive understanding about our environment. The paths to sustainability are as diverse as each of us and our work. Your ideas and input are crucial for developing Eco-Montreal mapping.

New York City USA - Wendy Brawer <web@greenmap.org>

Logo & lots of other NEWS! Date: Mon, 17 Feb 2003

Hi Mapmakers,

One of the many good suggestions made at the Global Gathering in Bellagio is that Mapmakers from various projects come to work with GMS in NYC for a while. I'm happy to say this is now happening, as Jamaica's Mapmaker, information designer Ava-Gale Brooks is now interning here! She is finishing up her last semester at a nearby university, New Jersey Institute of Technology, and will take what she learns back to Jamaica in May. Her Green Map was posted online in 2001, and she plans to extend it later this year: view this work in progress at: <http://www-ec.njit.edu/~amb2070/greenmap/index.htm> . She will also create some new Powerpoint displays for us & help with many office tasks, thank you Ava-Gale!

peace, Wendy

New York City USA - Wendy Brawer <web@greenmap.org>

Exciting events in Dublin Date: Sun, 11 May 2003

Mapmakers are gathering soon in Dublin, thanks to Sustainable Ireland and Erik van Lennep. This mix of public events and Mapmaker exchange offer the potential for really wonderful outcomes-- both for Green & community mapping and for the Spatial Strategy...read below for details.

Bravo to all involved, including Erik of Dublin, Catherine & John of Cork IE, Maeve of Victoria CA, Dom of Cornwall UK and Tor of Malmo of SE, some of who are also presenting in the Sustainable Cities described below.

Community Mapping Day at Convergence Festival

May 26, 2003

Cultivate Centre, 15-19 Essex Street West Temple Bar, Dublin 8 IRELAND

The recently established European Green Map Network will hold a working meeting in Dublin, in conjunction with Sustainable Ireland's annual Convergence Festival on Monday, May 26. The focus of the meeting will be the creation of transnational project partnerships, and developing funding strategies for the network communications platform, and other projects. This meeting will be of particular interest to Green Map projects within Europe, but others are welcome as well.

The first half of the day will be dedicated to presentations of projects and strategies, and provision of information to planning authorities and community groups from around Ireland who are considering starting their own map projects. This will also be an opportunity for existing projects to learn more about one another, to present specific issues they have encountered, and to share solutions. Ireland has embarked upon an ambitious programme, the National Spatial Strategy, to encourage redistribution of the population. There is great pressure for expansion in a number of cities and towns as a result, while little has been mapped for use by planners. There is an urgency to develop community maps at this time, and there is much to be learned from mapping projects already underway.

The second half of the day will be a working session for existing projects with the European Green Map Network to focus upon project partnerships and fundraising. The evening will provide an opportunity for informal network and socialising.

Toronto CANADA - Justin Lafontaine <jlafont@toronto.ca>
Green Map of Toronto - Update Date: Fri, 18 Jul 2003

Hello Green Mapmakers,

It's hard to believe that it's been almost 3 months since the launch the second edition of our green map, known as The OTHER Map of Toronto. I figured it's about time that I sent you all an update...

The Green Tourism Association launched the new map on Earth Day, April 22nd, after many months of hard work and dedication on the parts of staff, Board, subcommittee members and volunteers. The event, held in the historic Imperial Room (Ella Fitzgerald and Peggy Lee used to sing there) at the Fairmont Royal York Hotel, was a great success. Over 120 people attended the event including 7 media reps from print, TV, and radio. The map has since been covered in over 64 articles, listings and TV/radio spots reaching 3 million+ people.

During the launch week, VIA Rail Canada (our national railway) distributed maps

to passengers aboard Toronto-bound trains from Montreal (Quebec) and Ottawa, Kingston and Windsor (Ontario). Maps were quickly snapped up at local retailer Mountain Equipment Co-op, Toronto Civic Centre Info Desks, the Ontario Travel Centre and at our 130+ member locations. Out of our print run of 120,000 green maps, we have distributed over 40,000 copies across the city and beyond, and we continue to receive requests and feedback daily.

The second edition of The OTHER Map of Toronto was produced in collaboration with many other individuals and organizations - we couldn't have done it without them. Special thanks go to GMS, all of our partners, sponsors and members. Also, we applaud the wonderful jobs our graphic designer and printer did to achieve the final, beautiful finished product.

Launched in the midst of a very difficult time for our local tourism industry (due to the huge impact of SARS), the map is regarded as an innovative tourism product effectively promoting Toronto's unique features and many green tourism options and activities. We have received great feedback and interest from various tourism organizations here.

For more info, visit <http://www.greentourism.ca>.

We are now moving onto the second phase of this green map project: an online, interactive version of the map. The prototype is to be launched later this year. I'll keep you posted...

Best wishes to all of you, Justin

Justin Lafontaine Project Manager
Green Tourism Association Phone (416) 338-5085 Fax (416) 392-0071
<http://www.greentourism.ca>

New York City USA - Wendy Brawer <web@greenmap.org>
GMS News & upcoming events Date: Wed, 8 Oct 2003

hello Mapmakers, news from the Netherlands

- The first week of september 7.000 copies (corrected reprint) of the Breda map came out.

We also made two posters to promote the map. The posters zoom in on a part of the map, show pictures and descriptions and the goal of our map. The posters are printed on recycled plastic boards. So they are durable while hanging on the walls of the bike parking areas and other public places.

On November 1 the city of Breda will organise a Green Map event in the city's bike parking areas.

-Greetings, Renate FOKS milieu-advies en -educatie PB 464 5600 AL Eindhoven
www.milieu-educatie.nl foks@milieu-educatie.nl

New York City USA - Wendy Brawer <web@greenmap.org>
Report from Havana! Date: Fri, 27 Feb 2004

Dear Mapmakers,

As we are busily preparing for the Atlas launch in NYC & Kyoto, I'm happy to forward this message! all the best, Wendy

Hola Green Map Network from Mapa Verde Cuba and Beth Ferguson from NYC/Austin Texas volunteering for the next 4 months

Currently there are 65 different groups participating in Mapa Verde projects such as Universities, research centers, elementary, middle, technical and high schools, workers, rural areas, community organisers, and elder groups all across Cuba representing different provinces. There are currently 18 finished Green Maps in Cuba from Habana, Holguin y Ciego de Avila and many other cities underway. A design team is hard at work learning graphic design skills to then digitalize the hand drawn maps that have been finished to then put on the Green Map website, their new video, power point presentation and in print. These finished maps will be presented at a Mapa Verde Cultural Festival planned for Spring 2004 bringing together 200 school children from different neighborhoods of Havana to share their Green Map projects. A new exciting Mapa Verde project this spring underway is the first Mapa Verde Mural in a community with an active mural making project with over 20 colorful murals and eco-sculptures.

An other big graphic project underway this spring is to create a Cuba related icon poster with an over view of all the places working on Green Map projects across the island as well as a zoom-in of Havana Green Map in progress. The dream is to prepare a few of the hand drawn maps and Cuba icon poster to be reproduced for CubaB4s July 2004 Environmental Education Conference, Pan Americas Hub meeting, and community and green map booklet collaboration between Canada, the US, Cuba, and Brazil.

At this conference Wendy, Leo, Maeve, Luisa, and Liana of Green Map will be presenting at the 10th founding anniversary conference of The Environment Department at Higher Institute of Applied Technology and Sciences (InSTEC) located in Habana, Cuba. This workshop will be specially devoted to the Environmental Education for all teaching levels, although, other environmental themes will be developed as well.

Mapa Verde Cuba would like to thank Masahiro Horiuchi of Tokyo Green Map for the donation of a digital camera this year which will help them document their

amazing diversity of community workshops and Green Map sites.

Mapa Verde Cuba would like to ask if anyone in the Green Map Global network knows of a new or used laptop PC to be donated to the project. A laptop would be of great use for their workshops, field work, and for student map makers to digitalize their map site text which have been hand written up until now. There are opportunities to send a lap top to visitors coming to Cuba in March, April, and July.

Mapa Verde Cuba remains to be an amazing example of using the process of Green Map making with in a diversity of age group across an island where people are able to utilize the few resources available to them to accomplish a great deal setting a true example for sustainable development. Saludas and Best Wishes Beth, Liana, Luisa and Mapa Verde Cuba www.Mapaverde.com
liana@infomed.sld.cu , mapaverde@cfv.org.cu

More about this project online at:

<http://www.felixvarela.org/mverde2.htm>
<http://www.greenmap.org/grmaps/latinam.html>

New York City USA - Wendy Brawer <web@greenmap.org>
News from 4 Asian Projects & Social Forum Date: Mon, 15 Mar 2004

Dear Green Mapmakers,

In a couple of days, please expect news about the AtIs project! Over the weekend, GMS's website was updated with new projects & new maps, events & more. I was especially happy to add the new maps from Taipei's Green Map project. The Society of Wilderness has held over 40 workshops involving 400+ people over the past couple of years. They have published 3 Green Maps of different districts so far, and each of these Chinese-language maps includes a wonderful hand drawn map including folk characters, local insects, hills and houses, several photos and narratives. Chiyen, ChaoYang and Jhenjhu are the first completed, and later this year, they will publish Wen Shen, one of Taipei's 12 districts and the citywide Taipei Green Map. This project was out of contact for 2 years, but Jen Pei Wang is now part of this network, and will even visit Soon Chung of Singapore this week. The Taipei team is translating the Icon Poster into Chinese, they are also developing the Chinese version of the Green Map logo!

We also have added Hiroshima's new Ecopeace Green Map to our office display. It is the first 2 layered edition ever published by our network. It has both the historic view of the city before the bomb fell in 1945, and a contemporary view on tracing paper, created through numerous workshops described in the Hiroshima story in the Green Map Atlas. We really like the calligraphy by children on this map, and its many design features!

many thanks, Wendy

New York City USA - Wendy Brawer <web@greenmap.org>

GMS News Date: Fri, 14 May 2004

Hello Mapmakers,

The newest Green Map arrived here today, from Sacramento California! Congrats to Ian Oeser, Amanda Blosser and colleagues at the Sac Urban Roots Green Mapping Project. Their map is a very handy size, reads very well with crisp colors & large icons, clearly written. Great to see a link to the Green Map Atlas, along with one to the Victoria BC project and many local resources! They have established a blog, take a look at what people are saying at <http://sacmap.blogs.com>

have a great week everyone! Let's hear your news, too! all the best, Wendy

New York City USA - < web@greenmap.org>

Forum report Date: Tue Oct 19 19:31:33 2004

hello Mapmakers,

I hope all is well where you are. At our exhibit in NYC, we had a wonderful panel discussion on Sustainability Education and Green Mapping last Wednesday with these speakers (my comments in parenthesis):

- GMS Special Projects Coordinator Beth Ferguson - Lower Manhattan Youth & Pan America Community Mapping Booklet (great overview, lots of pictures that came from the Mapa Verde Cuba network)
- Green Map Japan's Summer Homework Project Assistant Director Aika Nakashima - Personal Expressive Mapmaking -- (nice, clear presentation, helped explain the differences in education approaches and how GM Japan is overcoming them).
- Rutgers University's Professor David Tulloch - GIS Green Mapping in New Jersey with Landscape Architecture students (the impacts of this project have been significant, even though its just a few weeks of work for each student (see below). He showed several different and amazing Green Maps, if you have not yet seen them, click <http://hahawall.rutgers.edu/jrstudio/greenmap/>) and 2 of the NYC youth projects:
- Recycle A Bicycle's Karen Overton - 6 years of NYC Youth Green Mapmaking (her talk tied the process of mapping to middle school student skill building, artistic expression and bike explorations)

- Central Park Conservancy's Terri Carta - Teen Green Map of Central Park & Eco-Ed at the Bronx's Monroe College (fun work in progress should result in a published map by the end of this year -- her college students work is helping our next NYC map, too)

- Plus we showed the freshly translated Mapa Verde Cuba video, Gotica a Gotica, Drop by Drop. It's truly inspiring & fascinating -- congrats again to Liana, Luisa & all 63 community groups involved there! We hope to make some DV disks of this project this week.

- Special thanks to everyone who participated in this panel -- we did not have the biggest audience, but it was good and attentive. We hope our next forum at the exhibit on the 17 of November will not have technical problems (Alice is also presenting the Atlas project at a group here called Art & Science Collaborations on 1 Nov and Beth is showing the Drop by Drop video at an independent bookstore on the 19th -- more about these on our website soon). I'll be meeting Philadelphia's Green Mapmakers there in a couple of days, and am happy to report that we are getting good feedback on the show!

David sent this as a follow up:

I realized afterwards that what several of us experienced was that "Green Maps change your brain". Clearly these maps (unlike a more traditional or mundanemapping exercise) pushed students' buttons in way that forced them to process the place and reevaluate their perception of it. Certainly the personal statements from Central Park demonstrated how much each student's understanding of the place was colored by their own personal experience. But my students saw, as they shared their drafts with people, how narrowly they had previously viewed the place and they began to learn how important (and difficult) it is to try o see the world from someone else's perspective for a while.

I very much appreciate this statement, and of course the time and preparation each Mapmaker put into this forum!

thanks again to all! more soon, Wendy

New York City USA – Wendy Brawer < web@greenmap.org >

From Victoria BC Canada Date: Thu Nov 4 10:43:08 2004

Dear Mapmakers,

We have a question for you -- have you created any Green Map games or toys? For example there's a version of "Twister" with Icons played in Taiwan. In Japan, there's a "treasure hunt" based on our youth website pages. Tell us about your ways to introduce fun into the process.

This will become part of the community mapping booklet project we are working

on. Please reply this week!

If you are selling your Green Map, you might be interested to learn that this map is \$5 folded, but \$10 rolled up as a poster (1 side only). Many people are buying one of each, good extra income for Groundworks! It was a simple matter of telling the printer to put some flat ones aside, so you might try this when you are printing your map.

many thanks, Wendy

9. FINANCIAL ISSUES

Washington D.C. USA - Larry

Plugging right along, we're going over to HUD next week to demonstrate the new Community 2020 software they've developed. I don't recall now if its been discussed in the greenmap circle, but regardless, here is the web page touting it: <http://www.hud.gov/cpd/c2020sft.html> From the sound of it, it is the right stuff for community mapping.

As you may recall, our stumbling block has long been production - wanting to use an already existing map platform to work from. If our visit to HUD confirms my ideas on 2020's versatility, we have found our production software! I dare say that it could make a big difference for mappers in the US. I'll let you know how it comes out.

Report: Hello green mappers, this is primarily of interest to mappers in the USA. (though maybe of some utility to international mappers):

The Washington DC Community Sustainability mapping group visited the U.S. Dept. of Housing and Urban Development last week to see a demonstration of a new software package they are hawking; Community 2020. Like many of the easier to use ESRI GIS products, 2020 is a user friendly GIS software application intended for use by local governments, but also being targeted to community groups. In addition, it comes with a wealth of data sets from HUD on all kinds of things from projects in your community funded by HUD to base maps complete with vector data on streets, streams and railroads. In my experience trying to find a software that was versatile enough for our mapping needs, I've been frustrated. Based on that frustration, here are some of the features of 2020 that sell me on its utility.

it allow you to choose the scale at which to work
it allows you to draw the boundaries of area you are working in

it allows you to select the level of detail of streets and other features you want to display in the area you have selected
it allows you to select the size font used to label streets and other features it allows you to select which streets you want labeled so not all have to be labeled (that takes up so much space)
the print quality is as good as you could want it to be
your map can be imported into a photo software for additional tweaking and addition of photos, text, etc.. for the overall product design
it has all the features that allow for the importation of symbols used on the Green Map
it is easy to set up your own data-sets, you can either use the cursor to plunk them down, import digitalized data, or enter street address coordinates.
its affordable, \$250 gives you the software and data for your quarter of the U.S., \$300 gives you data for the whole US.

I think that we will be purchasing the product and will use it to develop our first draft map, and can see no reason why we won't be using it to do the final. If you interested they have a web page that describes it and how to order.
<http://www.hud.gov/cpd/c2020sft.html>

Colorado USA - Dave Blumenthal

Greetings Mapmakers!

The Boulder Green Map is going to the presses! Our map is black and white, two sided, photocopied onto 11 x 17 paper. One side has the map, and the other side has the site listings and fine print. The primary sponsoring organizations have already put up \$350 towards reproduction and marketing. We are currently negotiating with friendly copy shops to see if we can get a reduced rate for those services. This first version of the Boulder Green Map is very low tech and inexpensive to produce, but we have visions of a more elaborate and expensive second version for sometime in the future. Hence our group is thinking about ways to use the current map as bait for getting real financial support. Here are some of the ideas that we are considering:

- 1) first round-take the \$350 and print as many as we can get.
- 2) in the next week or two-take a few samples and distribute them to the key people and organizations. Ask for money in the \$100-\$300 range to enable us to produce greater quantities. Some people were concerned that the donor "get" something, possibly including some number of Green Maps, text acknowledgement in the fine print section, or the inclusion of their logo.
- 3) to raise capital for v.2-"sell" a master copy of the map to an organization (Whole Foods Market, for example). Following certain guidelines, they could put their logo or the words "brought to you by Whole Foods Market" on the master, and make as many copies as they want, at their expense.

Personally, I have a problem letting go of production control as is suggested in (3). It also seems like a legal pain-in-the-neck to ensure the public sees a consistent product. I think that part of the value of the Green Map is the integrity of the mapmakers, and their interest in consumer/citizen education and not in self promotion/profiteering.

Any comments on how all you out there have solicited funding without compromising your mission or stumbling ethically?

I am Anand Upalekar from Pune.

Your next question about funding. I ploughed in some of my own savings out of Rs.45,000/-which is about \$1000 for creating 1000 copies. Some advertisers donated totalling to approx.\$100.

I am now planning a next edition on silk cloth. It will cost me \$1400 for 1000 copies if I use the same old matter, artwork and screens. The map size is 17" x 23". Would you like to do the same? Send me the art work and we will print it on silk here!! -----

USA - Chris Huck <chuck@kvcog.eddmaine.org>
Rural greenmaps Date sent: Thu, 8 Feb 2001

Since Malissa bought it up, I would like to offer some observations on the rural greenmap variant. Our mapping area -- Kennebec Valley, Maine -- is over 2,000 square miles. This immediately presents two challenges, one policy and one technical.

- 1) Since the vast majority of the area is "green" already, it's a little difficult convincing people of the need to identify and support sustainable living opportunities. Solution (I hope): Marketing it as a "Quality of Life" -preserving project.
- 2) Most of our green features are in or near our urban areas (that's "urban," as in the only two towns over 10,000), so getting the whole region on one map results in a black blob of icons over the cities. Solution: insets. We, too, are mapping farm-related features. This is part of a larger project funded by an EPA Sustainable Development Challenge Grant.
- 3) We have broken it into four categories: Organic dairies, organic produce, orchards, and maple syruping operations. "Organic" means certified by our state organic farming association, although there is a considerable segment of non-organic farmers (primarily orchardists) who hold that their practices, which they are only allowed to label "chemical-free," are just as sustainable as the organics. In the course of mapping these features, we are creating two new icons and co-opting a third. The other layer that we have found resonates with our "quality of life" theme is culture and history.

4)
Stop chortling, you urbanites -- we do so have culture. It just tends heavily to the

homemade music and traditional lifestyle variety. (which is why we lump culture and history together) Anyway, we are getting a lot more nominations for putting those features on the map than we can handle. On the other hand, no one seems interested in singling out "nature" features. Economics 101. If you have more supply than demand, the value drops. So I hope this helps a little with current or prospective rural mapmakers. Before embarking on our greenmap, I had written the majority of municipal master plans for this region, so I thought I knew the nooks and crannies of my habitat pretty well. This project has been an eyeopener, and I just hope I can convey that sense in the finished product. Chris Huck Fairfield, Maine

New York City USA - Robert Zuber < zuber@erols.com >
Funding Date: Fri, 09 Feb 2001

As for a "business plan," these are important to create regardless of whether or not external funding is being sought. This is so because it is crucial to demonstrate that the Green Map has a public vision, not merely a private one. The best Maps, in my view at least, evolve from clearly defined community needs and have an audience already in place who will use the map -- in addition to the audience that will "find" the map informally. Without strong roots in the community that the Map seeks to inform and inspire, the vision is likely to be more private than public, and thus can more easily fall prey to other private visions -- like business interests -- that want to exploit the Map for commercial purposes.

The other advantage of the business plan is it helps to establish a good working compromise between resources and final product. Sometimes, we can get funds sufficient to do a Map, but not funds sufficient to do the Map of our dreams. Personally, I would rather have a Map that is less beautiful, but which is fully serviceable to my community and free of external controls, like corporate funders. Others have different criteria. The point is to keep the vision of the final product flexible. Perhaps it is helpful to do what we often do in New York -- create two budgets. One of these is the "wish list" budget. The other is more modest and realistic. Often the gap between the two has been VERY large, but that is a part of this work -- feeding many people with a few loaves and fishes.

So, clear linkages with the community of Map users and flexible final products tied to different levels of available resources. The essence of any good business plan, I think.

Bye for now.

New York City USA - Wendy Brawer <web@greenmap.org>
Grant info & Toronto News! Date: Wed, 28 Feb 2001

hi Mapmakers, a friend just sent over this developing world resources and grants

website! The section on grantwriting might be particularly helpful for all of us, and overall very useful. Here is the factsheets page (you can read them in pdf from this page - in english or in bahasa indonesian!):

<http://www.bothends.org/service/service.html>

JAPAN - Masahiro Horiuchi" <horiuchi@tamabi.ac.jp>

Setagaya Greenmap Date: Wed, 13 Jun 2001

Hi Wendy and all mapmakers! This is Masahiro Horiuchi of Setagaya Greenmap.

Sorry for my long silence.

The 1st version of Setagaya Greenmap is now in print and will be released on Friday this week! (Setagaya is a part of Tokyo, Japan)

Although we consider it is still incomplete (Japanese only, sorry!), we decided to print it out anyway because it is important for us to attain more attention of people to make it better.

Now, we need your advice.

My idea was to give it free because the printing cost of the first version was covered by a fund and a donation (super discount) by a printing company. Since I know many Greenmaps are free, I thought ours should be free too, however, some members think we should charge, maybe 500yen per copy (about 4 U.S.dollers).

Some of the reasons are... 1.Sales of the first version should cover the cost of next version because we can't count on the fund next year. 2.We should consider more sustainable way to make it, i.e., not only to cover the printing cost but some other cost such as some reward for our working staff... 3.If it is free, there is high chance to be wasted by those who don't appreciate it. 4.Since the quality is very high, many will not hesitate to pay!

Another solution will be a mixture. Free to contributors.. those who gave us information, or support us in other ways. Charge for the sales in shops and mail orders.

I want to know the case with other maps, and would appreciate if we can have some advices.

Thanks

Masahiro Horiuchi Setagaya Greenmap

best, Masahiro

New York City USA - Wendy Brawer <web@greenmap.org>

I'm back & Setagaya Questions Date: Fri, 15 Jun 2001

hi Mapmakers,

Congrats to Masahiro! I'm excited to see this new Green Map! He asked about selling vs free, and only a handful have had a cost -- Kyoto, Milwaukee, Montreal, Toronto's book, and perhaps a couple of others -- in each case, a good percentage were given away. I like this idea:

Another solution will be a mixture. Free to contributors.. those who gave us information, or support us in other ways. Charge for the sales in shops and mail orders.

One reality, how to get the shops to buy a good quantity up front, so you don't have to go back often to collect small amounts of money. You might try to talk with them about this & how you will promote their availability in these locations. Maybe Copenhagen will have some ideas, they made a poster for their free map with all the locations listed. If you are sending to the press, be sure & have info included on how people can get them, costs, etc.

best, web

Victoria Falls ZIMBABWE - Enviroment 2000 <e2000vf@telcovic.co.zw>
Victoria Falls Green Map Date: Sun, 17 Jun 2001

MASAHIRO HORIUCHI of Setagaya in Japan wrote to all green mappers saying their Green map is out. Congratulations. She also wanted advice on what to do with the maps, to sell or not to sell. We find ourselves in the same predicament. We got assistance to produce the first print and we have decided to sell the maps so that we have money to cover the second version. We have set aside some maps that will be given for free as part of awareness raising to schools and other community groups. We will charge about us\$1 a map. Our sponsors will also get the maps for free. We printed 2000 copies and 500 will be for free distribution while the remainder will be sold to cover costs.

Good luck to Masahiro and the team Thanks NAMO CHUMA (ENVIRONMENT 2000)

JAPAN - Masahiro Horiuchi" <masa@toshikobo.com>
Congratulations to Zimbabwe Greenmap! Date: Mon, 18 Jun 2001

Dear Namu Chuma, Wendy and all mapmakers,

So far, we have made a decision to give maps free to our "supporting members". "Support" here does not mean financial support, but they promise us to provide us with information as to new spots and they evaluate spots already on the list.

This communication is very necessary for us in order to update our map because Setagaya is very wide. On our debut day, 60 people signed up as supporting members and got maps, and we gave some others as "sample".

One of our spots (a shop) proposed us to buy maps because they want to give their regular customers maps free. If we take this method, it will lead us to a similar way Copenhagen Ecomap takes, I guess.

Masahiro Horiuchi (Mr.) Setagaya Greenmap

Toronto CANADA - Green Tourism <greento@city.toronto.on.ca>
Setagaya Greenmap

Hi Masahiro! Congratulations on your green map! About the cost.... we are one of the cities that gave our green map away for free. We did this because we wanted distribution to be as widespread as possible. It was the first product our association created for the public and we wanted as many people as possible to have it. To deal with the possibility of people throwing it away - we decided to give boxes of maps (we printed 60,000 total) to the visitor centres (ours was a green tourism focused map). They had an unfolded copy of the map to display and then kept the folded copies behind the counter. This meant that people had to ask for the map.

We felt that if they had to ask for them they would be less likely to throw them away. We did consider selling the map - but we figured out that we actually couldn't afford to sell it! The administration of finding distributors and keeping track of costs and supplies would have been too much for us at that time. When we go to events we set out a box asking for donations for the map and when people call us to order lots of maps we ask them for a donation of 30 cents per map (If they can pay). I hope this helps you in your decision making! Best of luck! Cheers Anna

Anna Gibson Executive Director Green Tourism Association (416) 338-5085 Fax: (416) 392-0071 590 Jarvis St. Toronto, Ontario Canada M4Y 2J4

New York City USA - Wendy Brawer <web@greenmap.org>
web map revenue Date: Fri, 19 Oct 2001

Hello green mappers! I am writing a funding proposal for our upcoming (I hope) web map project and was wondering if there are any models out there for generating revenue from a web map project? I am not familiar with web-based revenue generation in terms of advertising or sponsorship etc and would love some help and ideas? Thanks!! Anna

good question, Anna! We added a "donate here" button, it is linked to an online secure payment system at <http://www.paypal.com>. A tiny percentage of the

money that comes through is kept by Paypal, which accepts credit cards or withdraws from bank accounts. It is very cost effective, and even I could figure out how to set it up on our website. We have had almost \$1000 in combined donations and Mapmakers' support fees come to us this way, so far, we think that is pretty great! It is more difficult for those outside the US to use, but several Mapmakers have used it, including those from Uppsala SE, Halifax CA and Rio De Janeiro -- forgive me if I missed someone!

I would like to hear more ideas--especially from those with sponsors or advertisers.

have a good weekend, best, Wendy

New York City USA - Wendy Brawer <web@greenmap.org>
Report on Mapmaker Fees! Date: Thu, 6 Dec 2001

Dear Mapmakers,

This week, we are sending out GMS's donation request mailing for 2001. We'll be mailing it mainly to people in the US who have provided GMS with its first individual donations during the past year, as well as to people we have met recently.

This past year, these individual donors have sent GMS approximately \$10,500, which helped us with general expenses. We are pleased by this first year's results, and believe that our base of individual donors will continually expand as the number of map projects grows. Each donor receives copies of your maps, everyone appreciates this!

Completed maps and ongoing local projects can generate good local revenue as well as enthusiasm for our local-global collaboration. If you would like us to mail you copies of our donation packet for you to send to your own list of supporters, please let us know.

We want to thank all the Mapmakers who have sent GMS their Mapmaker Annual Fees this year. Special thanks to those who sent the Supporting level fee, as shown below and on our website. Collectively, Green Mapmakers have contributed nearly \$10,000 to GMS during the last year! We are expecting additional pledged Fees to arrive this month, too. We think this is terrific and thank you very much for it!

Now, when people ask us who funds GMS, we're proud to say it's you! and we hope you get the same feeling of strength and warmth as we do from this newest reciprocal connection between us!

Each Mapmaker who paid their Fee in should have been sent an email or letter

acknowledging that we received it, but if not, please let us know (mail has been a bit unpredictable lately). Thanks to all who have provided services to support GMS and the Mapmakers network, too.

By now, we hope that all of your funding requests include the 1% to 3% Royalty for GMS. We're pleased that so many projects have been successfully generating grants, allocations and receiving other support, all of which should be included when you add up the Royalty (more information is below at (B), for your convenience). If you have any questions about this, ask us.

We hope you feel like we do, that the resources GMS provided to each of your projects are valuable and should be supported in return! Now, we promised you an accounting when we asked you for Support Fees:

Our expenses for 2001 have been modest. We still have difficulties raising money for the global Green Map project from foundations. Most of the \$26,000 in grants and \$5,000 in in-kind services GMS received were for local Green Apple Map projects (including the Multi-Map Model that any of us can use for a community-wide youth map project). Our working partially as volunteers is helping keep GMS's annual expenditures at around \$60,000 for 2001. This low amount is remarkable, when you think of all that we have been able to do this year.

We have planned several global projects that we have been unable to initiate because of a shortage of funding. Right now, we are hopeful that some of the six proposals we have at foundations will be granted (including the Mapmakers' meeting in Bellagio, Italy) before the year is over.

We hear that many charity dollars have already been spent in response to the tragic events of 9-11-01, and most NYC not-for-profit organizations are expecting to receive less this year from individuals and from private/corporate grant-makers. We know many Mapmakers around the world are impacted, too. We want you to know we are flexible, and very pleased to receive whatever you can send it: Your support is critical!

Please remember GMS whenever you receive funds for your local projects, and we will apply them to:

- helping new projects get started, and helping those with few resources get completed.
- launching new educational tools for youth and adult map teams
- creating a Green Map Atlas that will be online & on CD rom. The Atlas will tell the story behind the maps, how they were made, philosophies and standards; exhibit the maps and show who made them; even include some key sites on

each map. We want to co-create this with you, and we want your support to help this project! (and we have a terrific audience -- did you know nearly 1,000 people are visiting the GMS website each day now!)

- organizing our international gathering in Italy (and potentially, important regional meetings) and following up on your ideas, working on new tools and raising our standards and quality together. (So many of the Mapmakers who met in Sweden last year have made wonderful progress -- we think these in-person exchanges are invaluable and inspiring on many levels).

- actively promoting all of your work and outcomes, being able to visit projects, review your proposals, etc. etc. etc!

GMS has a new way to accept Mapmaker Fees and Royalties on-line that is much easier to use. It accepts your credit card (Visa or Mastercard) without having to register (like Paypal (more info at <http://www.greenmap.org/about/support.html>). It's really great for funds sent from outside the US, because there is neither a currency exchange fee nor a wire fee. The button can be clicked from front page of the GMS website (thanks to Egrants.org). If you are American, we still prefer that you send a check (because no fee is taken) but this new "Donate Now" button will be very helpful for GMS's network and donors, broadly speaking.

We look forward to working with you, always: your amazing achievements are shared throughout this network! We hope we continue to stand together to keep GMS strong and growing!

Thanks so much!

Wendy & Bob Green Map System, Inc. 157 Ludlow St. New York, NY 10002
USA

New York City USA – Robert Zuber <zuber@erols.com>
Scotland Back To the Beginning!

good luck adrian & andrew.

as for 'earning an honest payment', i'd guess most mapmakers would be in trouble if they had to meet this requirement. Is there ways of getting around it by saying that you are getting skills/education that's worth an honest payment. That's how we've sold volunteering to a few people, by saying you can get skills in gis, or grant-writing, or public involvement, rather than monetary compensation. I'd say some people learned more than they would have if they would have taken classes... because you're actually doing it for real.

have fun.

Dublin IRELAND - Sustainable Ireland <sustainable.ireland@anu.ie>
Partner projects? Date: Fri, 16 Aug 2002

Hi Wendy,

We are developing a series of E.U. funding proposals, and searching for other Green Map groups in Europe, particularly within the youth sector. We are hoping to find partner groups to co-develop some projects with us within the various EU-designated priority zones. Possible partners already in the URBAN funding scheme would also be of interest. Could you place a notice in the e-letter for us? Interested groups could contact us directly at : admin@sustainable.ie.

Thanks,

Erik van Lennep Sustainable Ireland Co-operative Dublin

New York City USA - <web@greenmap.org>
Funding opportunities for NGOs Date: Fri, 16 Jul 2004

Hello Mapmakers,

More news about the latest Green Maps next week (in the US: Burlington VT, Durango CO, Inwood NY, new websites in Breda Netherlands, Toronto Canada & in Fukuoka Japan) and new projects, too. but now, I wanted to pass this international mapping funding along. GMS is not endorsing the funders, but we do want to thank Leo de Mello for sharing this resource!

have a great weekend, Wendy

Funding opportunities for NGOs and researchers using spatial information technologies for community mapping and sustainable NRM

Intel Public Affairs International Contribution

The Intel Corporation makes grants to eligible organizations in the communities where the company has a major presence. The company focuses primarily on education, through grants for programs that advance science, math and technology learning. Environmental programs are also strongly considered, with particular emphasis on technological components. Intel will support additional programs that improve the quality of life in its site communities. These requests will be evaluated on the basis of the services offered and the program's impact on the community. Cost-effectiveness of the program, its ability to be effectively measured and replicated, and the potential for Intel employee involvement are also significant factors. Countries eligible for Intel grants include China, Costa Rica, India, Ireland, Israel, Malaysia, and the Philippines. For more information

and to download the application form, browse to:
<http://www.intel.com/community/international.htm>

Hewlett-Packard Equipment Grants

Through their philanthropy and education program, Hewlett-Packard provides grants of equipment to eligible organizations. Detailed proposals are required for consideration within the grant program. In addition, applicants must have other sources of funding; HP will not be the sole source of funding to ensure project independence. For more information, including a list of featured grant programs, browse to:

<http://grants.hp.com>

IUCN - Small Grants for Wetlands Program

The Small Grants for Wetlands Programme (SWP) is managed by the Netherlands Committee for IUCN (NC-IUCN) with funds from the Dutch Ministry of Foreign Affairs. The SWP financially supports small-scale wetland conservation and sustainable management projects that are designed and implemented by local NGOs in developing countries. The list of eligible countries has been considerably extended and now includes some 130 countries.

The next deadline for the submission of project proposals by local NGOs is 1 September 2004. For 2005, the proposed deadlines are 1 February and 1 September, but interested NGOs are strongly advised to check the website at <http://www.wetlands.nl> or contact SWP at wetlands@wetlands.nl in due time for confirmation and for further information on the current criteria for funding (including the list of eligible countries) and the latest version of the format for project proposals.

2004 GSDI Small Grants Programme

The Global Spatial Data Infrastructure Secretariat (<http://www.gsdi.org/GSDI>) has announced its Small Grants Programme for the year 2004. The GSDI Secretariat has allocated resources from the U.S. Federal Geographic Data Committee to fund the programme to support national or >sub-national activities that foster partnerships, improve data compatibility and access, and increase political support for data infrastructure. The grants are limited to US\$ 2,500. The GSDI Secretariat is accepting project proposals until 16 June 2004. Activities could focus on technical or institutional aspects, as long as there are concrete/tangible outputs and that several institutions collaborate. Priority will be given to projects in developing countries and countries with economies in transition. More details are available http://www.gsdi.org/docs2004/GSDI_Small_Grants_Prog_12May

Call for Submissions for the Seed Awards

Do you have an innovative or entrepreneurial idea for a partnership project that may contribute to sustainable development? A new concept that brings together people and organizations from different backgrounds? A project that enables partners to pool their human and financial resources, experience, local knowledge and connections? That allows partners to meet goals they could not reach working by themselves?

A new initiative is ready to help you implement your ideas and make them a success. The Seed Initiative (Supporting Entrepreneurs for Environment and Development) is a joint effort by a network of international organizations - from global organizations such as IUCN, UNEP and UNDP to national organizations such as Development Alternatives and LEAD Pakistan, who are passionate about promoting the entrepreneurial spirit of partnerships for sustainable development at grassroots level. They have launched the Seed Initiative to recognize new partnership approaches and encourage entrepreneurs to take action for environment and development.

One element of the Seed Initiative is the biennial Seed Awards - an international competition to seek out your most promising innovative or entrepreneurial ideas for action through partnership, and to help you make those ideas work. The award itself is not monetary but a comprehensive, individually-designed package of support, training, connections and facilitated access to funders, to give winning partnerships every prospect of success.

The award welcomes innovative or entrepreneurial ideas from any group in the process of planning and setting up a partnership project that:

Involves at least three partner organizations from different stakeholder groups;

Relates to the three pillars of sustainable development: environmental, social, and economic, and has the potential to contribute towards the Millennium Development Goals and/or the Johannesburg Summit Plan of Implementation; displays entrepreneurship in its broadest sense, by the private sector and/or others and is driven by the local actors, such as micro, small and medium sized enterprises (SMMEs) or others; helps to demonstrate innovative ways of doing business through partnerships - "business as unusual" - and has the potential to serve as inspiration to others; has a draft business plan and has partners that have already agreed in principle to work together.

Submissions are being accepted from May 1st 2004 with the final deadline of August 15th 2004. Early submission is highly recommended as this may allow initial feedback to be given to help you improve your application. For full information about the Seed Awards, please see the Seed Website:
<http://seedinit.org/>

Seed Initiative Focal Point Email: info@seedinit.org
Tel: +44 1865 202 669 Fax: +44 870 1319582

Ford Foundation Media, Arts, and Culture Grant Program

A resource for innovative people and institutions worldwide, the Ford Foundation offers grants through its Media, Arts, and Culture Program. Grants support the development of media, information, and technology resources to advance social change, human achievement, and understanding. Infrastructure and access initiatives are eligible, as are independently-produced print and Web-based media. The grant process begins with a letter of inquiry, followed by a formal proposal. Support is not normally given for routine operating costs or for religious activities. There are no deadlines for inquiries and proposals.
<http://www.fordfound.org/about/guideline.cfm> More info ...

IFS Research Grants

IFS support is primarily financial and in the form of a research grant in the amount of up to USD 12,000, which may be renewed twice. Each grant is for one research period, normally not less than one year nor more than three years and is intended for the purchase of the basic tools needed to conduct a research project: equipment, expendable supplies, and literature. It cannot be used for education, travel, or the applicant's salary. However, a PhD, Fellowship (Carolina MacGillavry Fellowship) is available for applicants from the SADC countries.

Grants are given to individuals for a specific research project, which must fall within the IFS Research Areas. Well-defined criteria for eligibility, such as age, education, employment, and nationality are used to select individuals for support. To apply for an IFS Research Grant, you must obtain an IFS Application Form.

An IFS Research Grant carries with it a great deal of prestige, and receiving an IFS Grant opens the door to other kinds of support. The IFS program of Supporting Activities includes arranging scientific contacts and organizing workshops and regional meetings. Supplementary travel grants may be awarded to enable the grantee to attend scientific meetings. IFS gives to its grantees special Awards in recognition of outstanding contributions to science resulting from IFS-supported research. An important service provided to the grantee is the purchase and delivery of equipment, supplies, and literature.

IFS Research Areas: Aquatic Resources, Animal Production, Crop Science, Forestry/Agroforestry, Food Science, Natural Products.

Eligibility for IFS Grants: Applicants for an IFS Research Grant have to be from, and do research in, a developing country. Not eligible for support are countries in Eastern Europe, Turkey, Cyprus and the former Soviet Union. They have to be below 40 years of age (except in China, where the age limit is 30 years of age)

and at the beginning of their research career. Applicants must be qualified to do research in the IFS Research Areas, have at least an MSc degree or the equivalent, and be employed at a university or a non-profit making research institution. The institution is expected to provide salaries and basic research facilities.

Ohio USA - Andrea Gorzitze <agorzitze@mail2.morpc.org>

Need some advice on estimate for design phase of map Date: Thu, 12 Aug 2004

Dear Fellow Map Makers,

here in Columbus, Ohio, we are forging ahead with our Green Map Project. We are collecting data left and right, redesigned our website www.greatercolumbusgreenmap.org and are now trying to budget for the design phase which will take place early next year. We will have all the mapping work done in ArcMap. All the beautiful little icons will be in place, etc.

We would like a rough idea on how much it may cost for a graphic design company to do the final design that can be sent to be printed. Did any of you actually hire somebody to do this? How much did it cost, how large is your map, and how many sites do you have marked? We will have about 1200 sites on our map (yes, I know, that is a lot....) and have maybe 2 or 3 map inserts.

Are you guys having as much fun with your maps as we do with ours?

Thanks,

Andrea

Sr. Education Coordinator Greenways Program Mid-Ohio Regional Planning
Commission 285 E. Main Street Columbus, OH 43215-5272 614-233-4124
agorzitze@morpc.org

New York City USA – Wendy Brawer <web@greenmap.org>

Re: Need some advice on estimate for design phase of map
Design Fees & new Projects ! Date: Fri, 13 Aug 2004

hi everyone --

On design, there really is no good guideline for costs. You should organize your ideas of what you want to make and talk to several designers in your area. Ian's advice about the different technologies is important -- if you have a certain "look & feel" you want to convey, the sooner you start talking with designers, the better. You may have a university or professional design association give you some ideas, too.

have a great week everyone! all the best, Wendy

WOW! If you read this entire Archive, please take a rest now! All the best with your Green Map project...