

charting the way to vibrant communities

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volume one 2004



# GREEN MAP ATLAS

MAPMAKING STORIES ASIA & NORTH AMERICA • アジア & 北米編



**JAKARTA** INDONESIA

**PUNE** INDIA

**HIROSHIMA** JAPAN

**ROBESON COUNTY** USA

**KYOTO** JAPAN

**TOKYO** JAPAN

**NEW YORK CITY** USA

**HAKODATE** JAPAN

**MILWAUKEE** USA

**TORONTO** CANADA



# Green Map Atlas

Mapmaking Stories · Volume One

www.greenatlas.org

in Japanese at www.greenatlas.org/jp



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Dedicated to promoting sustainability and citizen action in communities around the world through locally-created maps of the natural and cultural environment, Green Map System is a non-profit 501c3 organization. Tax deductible donations are welcome and will benefit Atlas Volume Two and our other community media projects worldwide.

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Atlas I 



## Volume One · Production Credits

An international team collaboratively developed this Atlas, meeting first at our Cape Cod “summit” in August 2003. With resources from each author and advice from the Atlas Task Force (formed at 2002’s Global Green Mapmakers Meeting) our Working Group then produced this multimedia publication.

## Atlas Working Group\*:

Dominica Williamson · design director/Cornwall UK  
Wendy E. Brawer · project manager/GMS founding director/NYC  
Asako Kondo · information & web designer/GMS  
Alice Hartley · editor/GMS  
Rick Conroy · technology programmer  
Matthew Groshek · information designer/Milwaukee  
Misako Yomosa · project manager/chief editor in Japan/Kyoto  
Masahiro Horiuchi · project coordinator in Japan/Tokyo  
Takashi Hojo · technical manager in Japan/Kyoto  
Aika Nakashima · Japanese-English translator  
Chine Hayashi · Japanese-English translator  
Tai Dang · photo artworker  
Michael Samuel · logo designer  
Ben Discoe · open source developer  
Robert Zuber · development and fundraising  
Nina Reznick, Esq. · legal advisor  
David Kupfer · introduction editor  
Justin Lafontaine · distribution advisor/Toronto  
Kana Hashimoto · production assistant/GMS  
\*city name = Mapmaker

See last page for author bios. Refer to online Atlas [Credits](#) for GMS Board members, Atlas advisors and summit participants.

## Atlas Supporters:

- Japan-US Community Education and Exchange, in conjunction with Nippon Foundation
- Japan Foundation Center for Global Partnership (New York)
- Gaea Foundation – Cape Cod Residency
- Rockefeller Foundation – Bellagio Residency

This multimedia publication is available as downloadable PDFs, printed books and on CD-ROM, in English and Japanese. Every effort has been made to facilitate translation and local printing and dissemination. We encourage you to make printed or digital copies of this Atlas, as described on page V. Local re-publishers of Green Map Atlas books and CD-ROMs, and periodicals, books and websites that wish to reproduce the Atlas, in whole or in part, must refer to the [legal](#) page at [www.greenatlas.org](http://www.greenatlas.org) or contact us directly for permission.

Our deep and sincere gratitude goes to Tennen Design Forum and the scores of local project partners, team members and others who collaborated in producing the Atlas. Special thanks to Buckminster Fuller Institute and VTP for pinpointing each featured Atlas community on our cover. Fuller Projection © 2002 Buckminster Fuller Institute and Jim Knighton. We appreciate using the high-resolution scans made for Hiroshima’s 2003 Green Map exhibit by Hiroshima Xerox.

The Green Map Atlas was created with Adobe Creative Suite using the Émigré font Tarzana. Read more about the choices made in the Atlas’ online [Colophon](#).

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Mapmaking Stories · Volume One

[www.greenatlas.org](http://www.greenatlas.org)




























We present these Green Mapmaking Stories in south to north order, lending fresh global balance. Each Story has been given a letter and within each, find this consistent format:

Cover	
Introduction	1
Mapmaking	2
Teamwork	3
Economics	4
Assessment	5
Conclusion	6
Back Cover/Credits	

All website references are hotlinked throughout.

Along with many other Atlas resources, on [www.greenatlas.org](http://www.greenatlas.org) you will find Atlas PDFs in two formats:

- 72 dpi for on-screen viewing
- 150 dpi for printing

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	Charting thriving <b>neighborhoods</b> in a teeming metropolis	
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## Welcome to the **Green Map Atlas** Mapmaking Stories · Volume One!



Introducing truly inspiring stories behind the creation of Green Maps, this vibrant Atlas reveals diverse approaches to promoting sustainable communities. In Volume One, Green Map System proudly presents ten exceptional Stories from Asia and North America, the first regions of the world to be spotlighted in this series.

More than just Green Maps, the Atlas brings you voices of local leaders and portraits of each community's unique mapmaking efforts, their motivations, methodologies, key sites and outcomes. You can enjoy this beautifully illustrated PDF anthology by viewing it on your computer screen, printing it to read like a traditional book, making displays and sharing it by email with friends and colleagues. We encourage you to keep and enjoy the entire 88 page Green Map Atlas.

Our objective is to help cultivate healthier hometowns everywhere, and we hope these Stories offer inspiration for yours!

**“A Green Map gives you back the city – not in someone else’s sterile view, but as a riotous living tapestry of human activity.”**

– Tom Stafford, *The Ecologist*, UK

This volume is the debut of the multimedia Green Map Atlas series. With the release of high-resolution English and Japanese CD-ROMs in mid-2004, quality Atlas books become printable on demand, anywhere in the world. All Green Mapmakers are provided with copies so they can produce Green Map Atlases locally—an eco-smart approach to publishing that expands our reach and helps support each local map. Over time, Atlas volumes featuring other languages, world regions and themes (such as youth or waterways mapping) will follow, using the open philosophy and template designed for this first volume.

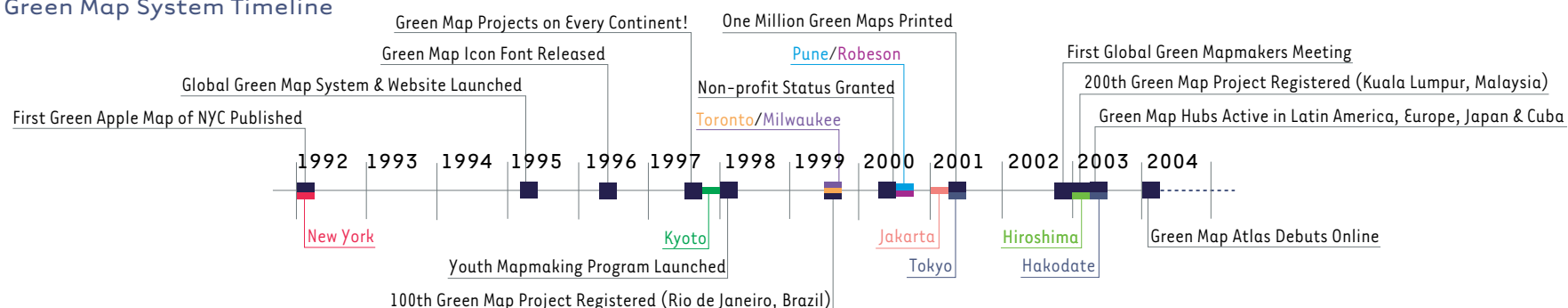
Our dream of creating an Atlas took root at 2002’s Global Green Mapmakers Meeting. Instead of a conventional book of maps, we opted to profile map creation and community impacts from a regional perspective.

We discussed our concept with recent grantor Japan-US Community Education and Exchange and thanks to them, Japan Foundation and ten dedicated Mapmakers, Volume One focuses on these Asian and North American communities:

-  **JAKARTA INDONESIA**
-  **PUNE INDIA**
-  **HIROSHIMA JAPAN**
-  **ROBESON COUNTY USA**
-  **KYOTO JAPAN**
-  **TOKYO JAPAN**
-  **NEW YORK CITY USA**
-  **HAKODATE JAPAN**
-  **MILWAUKEE USA**
-  **TORONTO CANADA**



## Green Map System Timeline



When the Green Map Atlas expanded into a multimedia “eBook” publication, its potential to reach and impact communities instantly multiplied. The Atlas is innovative in several ways:

- Showcasing the mapmaking process, along with the resulting Green Maps
- Illustrating key sites and practicalities to spur related projects
- Encouraging ecologically-sound, decentralized distribution
- Harmonizing local and global goals
- Encouraging public responses to help shape the project’s future

The Atlas is great reading for students, journalists, city planners, community leaders, funders, tourists, map and media enthusiasts, grassroots activists and global citizens — share your copy today!

Explore the Green Map Atlas and [www.greenatlas.org](http://www.greenatlas.org)’s resources. Then, help the project evolve by telling us what you think — we’ll be looking to you to help shape and support this project’s future!

### On the Green Map Atlas website, you will find:

Donation Information  
 Feedback Survey and Reader Responses  
 Links to the Atlas in Japanese  
 Tools for Sharing the Atlas and Media Resources  
 Complete Credits and Colophon  
 Green Map Store — get the Atlas and your choice of available Green Maps

### Since 1995, Green Map System has worked to:

- help citizens of all ages identify, promote and link their communities’ ecological and cultural resources
- build inclusive networks that extend civic participation and accelerate progress toward sustainability
- promote model greening efforts underway across the globe
- use the info-web in service of the web-of-life
- celebrate the beauty, brilliance and diversity of Nature, while making our hometowns better, healthier places

Each locally-created Green Map is a fresh perspective encouraging discovery, personal involvement and greener everyday choices through a shared visual language of Green Map Icons. Project funding can be derived from several sources, but all Mapmakers pledge that content is not influenced by sponsors and to do their best to be accurate, fair and inclusive.

**Our worldwide movement puts hope on the map.** Green Map System’s network includes over 250 locally led projects in 42 countries. More than 175 different Green Maps have been published.

**On [www.greenmap.org](http://www.greenmap.org), home of the Green Map System:** discover links to every Green Map project in the world, Green Map Icon posters in several languages, youth mapmaking tools and an invitation to participate in this community sustainability movement.

# Using the Atlas

Mapmaking Stories · Volume One

[www.greenatlas.org](http://www.greenatlas.org)

The Green Map Atlas can be downloaded in two formats:



72 dpi: view on-screen, display and share by email  
150 dpi: print books or create exhibits

Follow the color coded directions here, and find answers to many questions and other presentation resources online at [www.greenatlas.org](http://www.greenatlas.org)

Share the Atlas freely, in the “gift economy” tradition. We ask you for two gifts in return:

- Give us your feedback by mail, email or via our online [survey](#)
- Make a [donation](#) to help support the next Green Map Atlas volume and GMS projects worldwide

Thank you for responding in the spirit of this exchange!

If you plan to make more than 6 copies, refer to our online Re-Publication [Guidelines](#) and contact us in advance. For high-resolution Atlas CD-ROMs\*, printed Atlas books, featured Green Maps and more, visit our online [Store](#) or contact a Green Mapmaker in your region of the world.

\*The quality of 150 dpi prints will be good. For the very best results, print from the 300 dpi (dots per inch) Atlas CD-ROM.



72dpi  
for VIEWING  
ON-SCREEN

## Viewing on Your Screen

After opening PDF with Adobe Acrobat Reader 5 or higher, click “Control L” for a full screen view. Click again to restore scroll bars and desktop (Mac: “apple L”).



Use the magnifier to zoom in on details.

## Full Screen View



ctrl + L

Use a digital projector to directly display the Atlas PDFs, or import Stories into your presentation for a classroom, conference or community gathering.



## Sharing by Email

You are welcome to send the Atlas to your friends and colleagues! Send one Story at a time, unless you know the recipient has a high-speed connection. Please do not deconstruct; send only complete PDFs.



150dpi  
for PRINTING

## Printing Your Copy

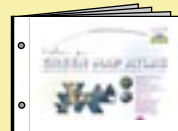
The Atlas fits on either A4 or US letter-size paper (recycled, of course!). Color printing is best, or keep it simple with black and white. Our design purposely minimizes toner use to conserve resources and your printer, too. Select “landscape” (horizontal) in your printer’s settings. Print on both sides of the sheet (duplex), whenever possible. Test your printer first — you may need to print the Even pages first, then turn the stack over and print the Odd pages.

## Binding

Print a double sided copy and make sure all the pages are in order (including Atlas cover pages). Then, bind along the left side. 1.5 cm (1/2 inch) from the edge, you can:

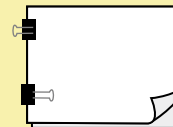
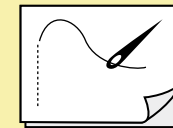
- punch small holes and sew together
- use 3 to 5 staples
- use brads or binder clips
- use a copy shop’s binding service
- bind with a strip of cardboard ([download](#) and print the optional spine).

Once bound, your Atlas will become sturdy enough to stand up in a bookcase, be read over and over, and last a long time.



We encourage your creative and **ecological approaches** to binding the Atlas — please share your best ideas with us. Email: [atlas@greenmap.org](mailto:atlas@greenmap.org)

Consider making a copy for your local library!



## Exhibiting the Atlas

The Atlas can be printed out, mounted and exhibited, so several people can view a single copy. You may want to obtain copies of the featured Green Maps to display, too. Tell us about your exhibit and we will list it with other Atlas events online.

# Behind the Stories

## Choices and Authors



With so many exemplary projects in Asia and North America, it was difficult to determine which to include in this first volume. The Atlas Working Group created a decision matrix reflecting our network's diversity and comparing:

- uniqueness of the process/result
- local support and planning for ongoing development
- thoroughness in charting sustainability resources
- contributions to the local community and the Green Map network
- ease of accessing copies of featured Green Maps

Since future volumes will cover other world regions or themes, eventually every great Green Map Story will be featured in the Atlas series. We are grateful for the thoughtful reflections provided by all the Mapmakers introduced here.

### Story Authors



Wendy E. Brawer  
NEW YORK CITY

Eco-designer, artist and networker. Happy founding director of Green Map System and creator of the original Green Apple Map.



Matthew Groshek  
MILWAUKEE

Amateur beekeeper, information designer and principal of Education Design Link, an information design firm centered on community and sustainable living.



Masahiro Horiuchi  
TOKYO

Initiator of community design projects, teacher at Tama Art University. Studied architecture and urban planning in Japan and United States.



Marco Kusumawijaya  
JAKARTA

Architect and urban planner by training. As a journalist, Marco covers urban issues in Indonesia.



Justin Lafontaine  
TORONTO

With a BA in Urban Studies from Concordia University, Justin loves travel, community and the environment.



Mac Legerton &  
Patricia Locklear  
ROBESON COUNTY

Center for Community Action's Executive Director and Director of Sustainable Communities Program, respectively.



Shoichiro Sendai  
HIROSHIMA

Born in Kyoto, currently Hiroshima University Associate Professor of History and Theory of Architectural Landscape Design.



Anand Upalekar  
PUNE

Practicing architect, planner and GIS consultant to Pune Municipal Corporation. Trekker and Earth watcher with an unsatiated quest.



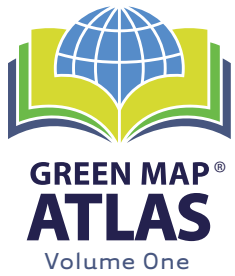
Yasushi Watanabe  
HAKODATE

Freelance writer, planning director and chief researcher on future community design at the Collaborative Knowledge Laboratory in his hometown, Hakodate.



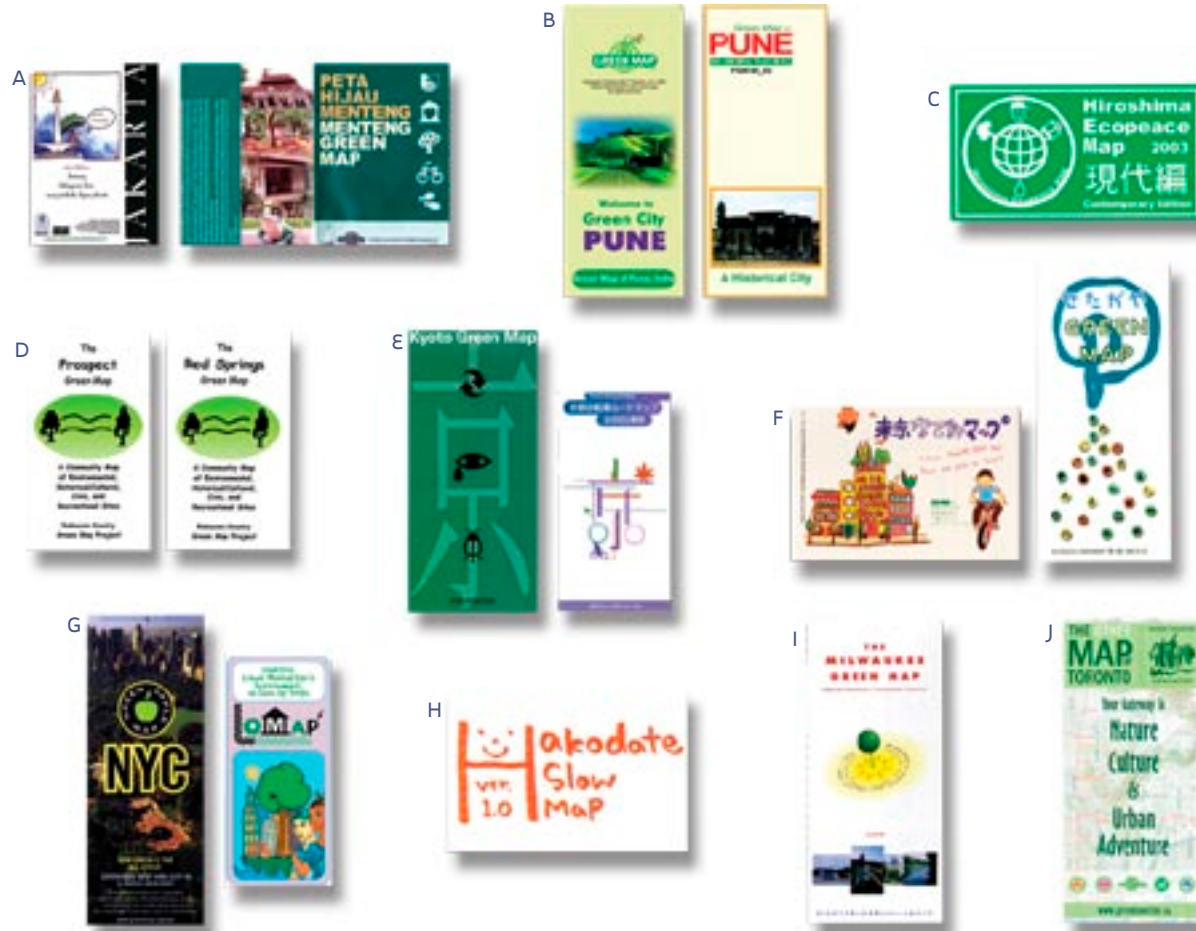
Misako Yomosa  
KYOTO

Director of Tennen Design Forum, Co-representative of Green Map Japan and Co-founder of Librairie Gallia Shobo Ltd.



**“As a dematerialised product (PDF), a digitised product (CD-ROM) and a locally printed edition, the Atlas enables individuals to access it in the most appropriate way.”**

— Alastair Fuad-Luke, author of *The Eco-Design Handbook*, UK

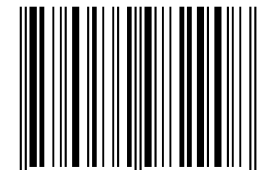


- A Peta Hijau Jakarta  
Peta Hijau Menteng
- B Green Map of Pune  
Green Map of Central Pune
- C Hiroshima Ecopeace Map  
現代編
- D The Prospect Green Map  
The Red Springs Green Map
- E Kyoto Green Map  
Kyoto Bicycle Map
- F Tokyo Nagomi Map  
Setagaya Green Map
- G Green Apple Map 4  
LoMap of Lower Manhattan
- H Hakodate Slow Map
- I The Milwaukee Green Map
- J The **OTHER** Map of Toronto

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Inside the Green Map Atlas find 350 photographs and map views, including these Green Maps