

Syllabus: NYU Gallatin Spring 2002
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Charting Sustainability in the Real World

Revised: 2-20-02

This project-oriented course includes creating your own visual narrative of the urban experience. We'll design Green Maps or new tools for other Green Mapmakers. We'll interact with our community, drawing out options for sustainable living and asset appreciation, and use/make communication, design and eco-education resources. Each class begins with a discussion relating to the readings, led by you. We'll do field work, have guest speakers and presentations. **Bold = books to buy.** Other listed articles and chapters are in the **Reader.**

Jan 23 **Course Overview.** Intro to Green Maps and potential projects during the class. Class Intros/survey. Mapping's Power. Make a memory map. ([video & slides](#))

Reading assignment: NYC's Green Apple Maps.

"Finding Our Way Home" by Maeve Lydon *Alternatives Journal*, 26:4, Fall 2000; "Green Maps Guide Savvy Travelers", *In Business* (JG Press), September 98; "Manhattan I: Green Heart", *Adbusters* No.33, 1/2001;

"Green Streets", *Unte Reader* No.99, May 2000,

"Greenmap in the Millennium" by Wendy Brawer, *ADPSR News* Winter 2000

"Green Maps: We Chart the Earth" by Wendy Brawer, *Whole Earth*, Summer 2001, "Green Mapping" by Scot Fletcher, *Eco-Design* (UK) Vol V11, No 2.

"Students Map Resources of Robeson County, NC", *Rural Roots*, Vol 2, No. 2, April 01.

Online: "Calculate Your Ecological Footprint" 12 Simple Questions and Assess Your Use of Nature. <http://www.lead.org/leadnet/footprint/default.htm>.

Jan 30 **Creating Green Map-Making Tools and Resources.** Collaborative, de-centralized project/community development. Neighborhood Maps, Campus Maps, Future Maps, web-tools, research, internships. Reviewing GMS resources, discussion of new tools needed.

Reading: GMS website: Research <howto/research>, East Village <grmaps/nycev>

"Intro" by Mark Monmonier, *How to Lie With Maps* U of Chicago 1991

"Geoforce" by Francesca Lyman, *Orion Afield*, Vol 2, No. 1, Winter 97

"50 Difficult Things You Can Do To Save the Earth" *Earth Island Journal*, July 1990

"Earth Day 2000 Report Card", *World Watch* Vol 13, No. 2, April 2000

"Introduction" by David Morris, *Self-Reliant Cities*, Sierra Club Books, 1982

Feb 6 **Power of Maps** -- Printed maps comparison. Base maps and formats. Map design exercise. Using Green Map's Icons and designing place-based icons. Preview of digital maps.

Reading: "**Woodlands Wetlands & Wildlife of NYC**", *City Parks Foundation*

Writing assignment: What do you value about the place you live?

Feb 13 **Defining your Project.** Choosing a Problem. What does the community need? What does Green Map System need? Teams/individual develop project statements & timelines. Class discussion. *Guest Speaker:* Zvia Naphthali at [NYU GIS Lab](#), software & databases.

Writing at home: Draft Project Brief and sketch. Develop Timeline. 2010 Plan

Feb 20 **Observation in the Field.** How to investigate and synthesize. Narrative writing, surveys, documentation. Other research techniques.

Reading: GMS Youth Mapping Table of Contents

Greenmap.org's youth pages, especially Design & Kids Maps pages

"Green Mapmaking" by Robert Zuber, *Green Teacher* (CA) May 1999

Victoria BC's Community Mapping brochure

1st third: "**Giving the Land a Voice**" by Harrington et al, *Salt Spring Land Trust*

Feb 27 **Green Map Development:** *Guest speaker:* Dr. Robert Zuber on promoting community relationships: new audiences and local outcomes, funding and resources. Green Maps as expressions of hope, promoting justice, spirituality, community sustainability.

Reading: Finish: "**Giving the Land a Voice**" by Harrington et al, *Salt Spring Land Trust*

Writing: *project timeline and design statement*

Mar 6 **Design & Communications:** Timeline review. Analyzing an objective in order to develop a strategy for its solution. How sustainability is described/depicted.

Your Project: Development of visual communication objectives

Reading: "From Place to Place" Sue Clifford and Angela King, *Common Ground* 1996,

"The Lure of Mapping", ed: Doug Aberley, *Boundaries of Home, New Catalyst*, 1993

"The Design Process", *Design as a Catalyst for Learning, ASCD*, 1997

"Mapmaking from the Inside Out" by David Sobel, *Orion Afield*, Vol 2 No 1, Winter 97 "City Lights" by Lawrence Ferlinghetti, *Whole Earth Summer* 1999

Mar 13 Holiday

Mar 20 **Projects In Progress.** Refinement via constructive criticism. Every project will be critiqued and discussed with the class. BRING IN YOUR PROJECT IN PROGRESS!

Your Project: Development of social aspects, writing assignment

Mar 27 **Text Review.** Discussion on research reports and expressive project writing. Community participation and project promotion.

Reading: "**New Village**" magazine, Vol 2

"Stop Fronting" Brooklyn Waterfront Green Map

Apr 3 **Computer Lab Day** Development, design, production and marketing techniques. Online resources, Green Map websites.

Your Project: Development and Survey

Reading: "Chapter 7: Getting from Place to Place" by Beatley & Manning,

Ecology of Place, Island Press, 1997

Apr 10 **Local Green Issues** as defined by class projects. *Guest:* Carter Craft on sustainability along the waterfront in NYC. Presentation skill development. Communicating concepts and requirements to others.

Reading: Intro chapter from: "**Cosmos & Hearth**" by Ti Fu Tuan

Apr 17 **Green Mapping with Youth.** *Guest speaker:* Beth Ferguson on her work with NYC and Holyoke youth: charting sustainability where it's difficult to notice. LoMap case study.

Your Project: Development

Reading: "Intro chapter" by Steve Lerner, *Eco Pioneers* MIT Press, 1997

April 20: Go Green NYC Launch & Ride, meet on bikes 11:30 Whitehall Ferry Terminal

Apr 24 **Green Maps, Education and Empowerment:** Exploring many possible options for achieving defined objectives.

Your Project: Completion

May 1 **Project Final Presentations** with guest critics.

May 7 **Final Class** (Presentations may continue, discussion of next steps and future)

June 21: Green Map's Power of Ten Benefit, Pier 63, 6pm