

Spatial Analysis of Health Risk Perception: Ideas from Participatory Mapping

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Potential of Participatory Approaches

- Center for the Support of Native Lands.
 - Ethnocartography
- Public Participation GIS (PPGIS).
- Integrated Approaches to Participatory Development (IAPAD).
- *The Other Side of Paradise: Tourism, Conservation, and Development in the Bay Islands.*
 - Political ecology of environmental health risks stemming from the decline in the quality and quantity of potable and sea water.

Welcome to NativeLands.org

Mission Statement



Native Lands works to protect biological and cultural diversity in Latin America, with a focus on Central America and southern Mexico. We do this by assisting indigenous peoples to develop and carry out their agendas for the preservation of the region's natural and cultural heritage.

[- more -](#)

Central America Map Update



In 1992, Native Lands (at the time the Central America Program of Cultural Survival) collaborated with the National Geographic Society to produce *The Coexistence of Indigenous Peoples and the Natural Environment in Central America*.

This thematic map showed the close relationship between indigenous peoples and forests in Central America and highlighted the progressive destruction of the region's natural vegetation over the last fifty years.

[- more -](#)

Indigenous Landscapes



Native Lands has written an in depth analysis of participatory mapping projects in Honduras, Panama, and Bolivia and draws lessons from them. Framed as a narrative case study of these three projects, together with insights from additional projects in Cameroon and Suriname, this book constitutes a practical guide to community mapping with indigenous peoples. 152 pp. with 25 figures, plus 3 bound maps. Published October 2001.

[- more -](#)

Mapping in Kuna Yala



Since May 2000, Native Lands has been working with the Kuna General Congress, which is the maximum authority of the Kuna people, to map the Kuna homeland, the Comarca of Kuna Yala. The Comarca (Indigenous Reserve), covering an area of more than 5,000 km² of land and sea in the northeast corner of Panama.

[- more -](#)

URACCAN Work Plan



Native Lands is developing a four year work plan in close collaboration with URACCAN, the Universidad de las Regiones Autónomas de la Costa Caribe Nicaragüense. This work plan will include a series of activities within Central America to strengthen the technical capacity of indigenous organizations in the region.

[- more -](#)

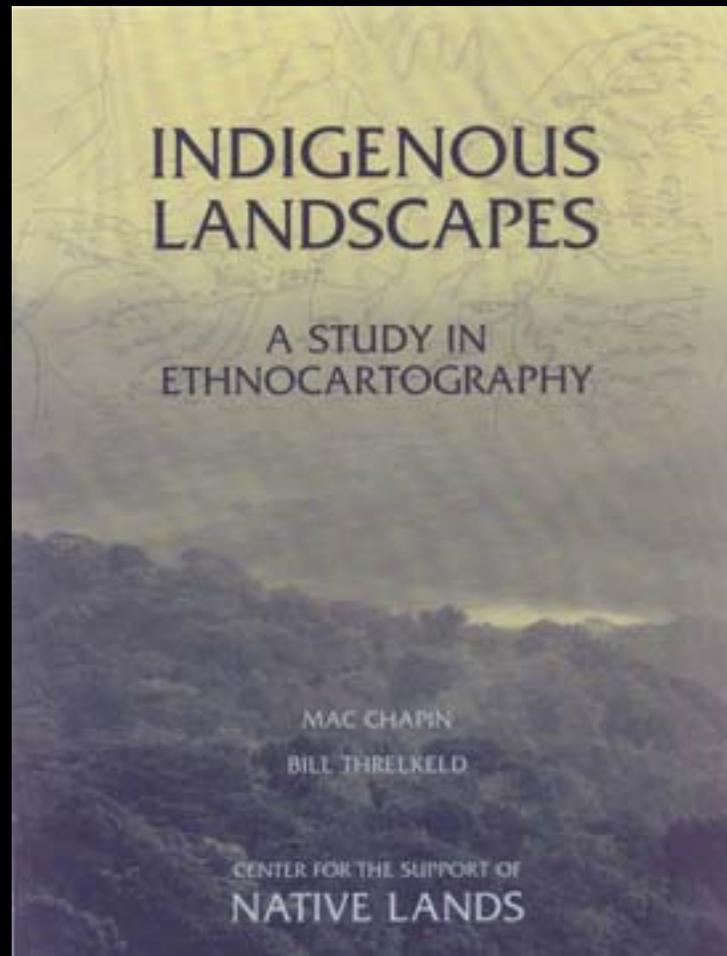
The Center for the Support of Native Lands: Central America Map Update



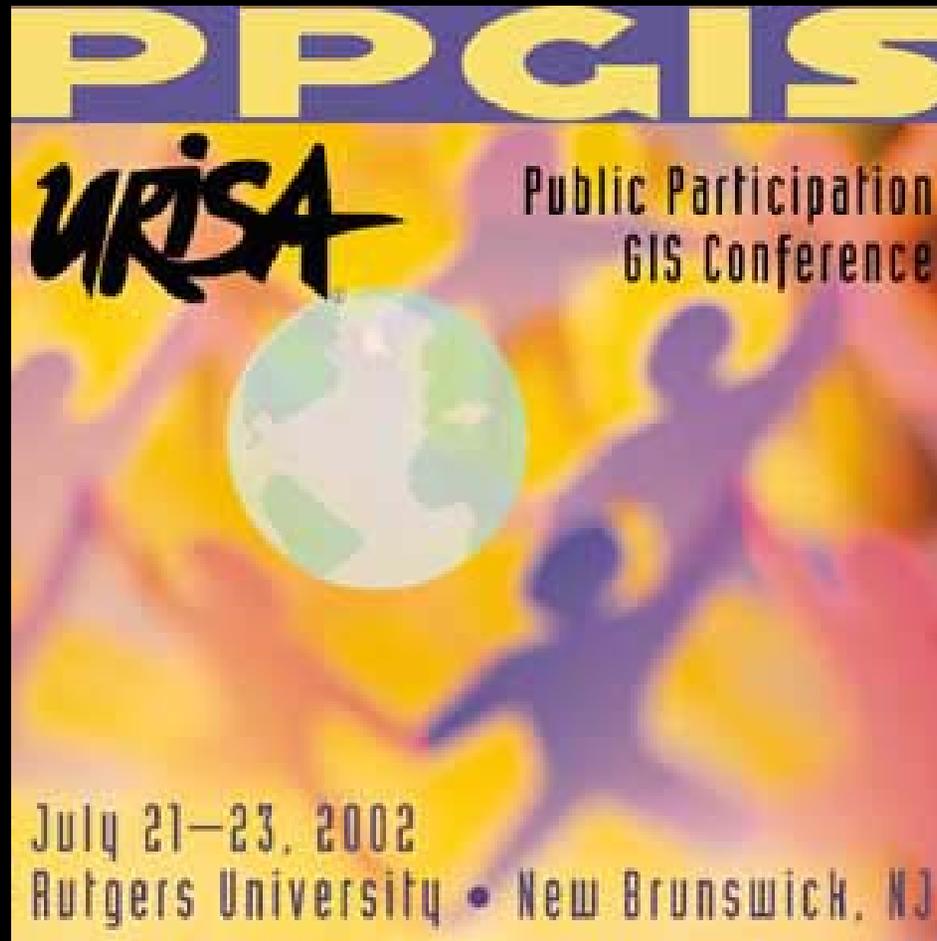
<<http://www.nativelands.org>

Indigenous Landscapes: A Study in Ethnocartography

- In 2001, Native lands published this detailed case study / manual of the participatory mapping it jointly organized in Honduras, Panama, and Bolivia since 1992.



Public Participation GIS (PPGIS)



URISA

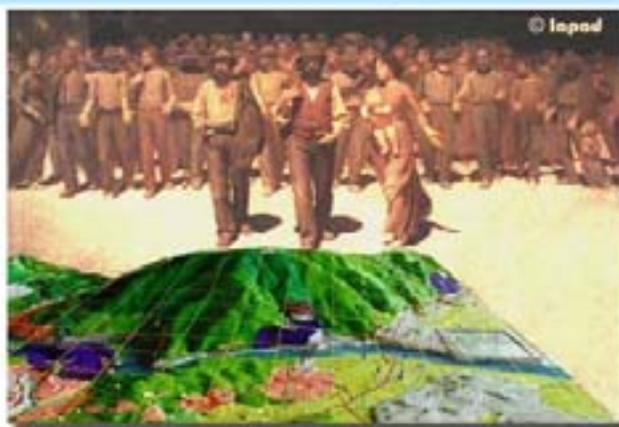
Meetings

Public Participation GIS (PPGIS)

- PPGIS refers to a range of topics raised by the intersection of community interests and GIS technology.
- Goal to empower citizens and communities.
- In large part a critique of “traditional” GIS.



Integrated Approaches to Participatory Development (IAPAD)



Participatory Avenues

Participatory Avenues aims at sharing significant progress in visualizing [people's spatial knowledge](#) (cognitive maps) and in providing communities added stake in tailoring and owning conservation and development initiatives.

Participatory 3-Dimensional Modeling is promoted as "best practice".

Protected Area Management

Participatory 3-D Modeling

- About Us
- About Participation
- P3DM Rationale
- P3DM Gallery (1)
- P3DM Gallery (2)
- P3DM Gallery (3)
- P3DM Gallery (4)
- P3DM Gallery (5)
- P3DM Gallery (6)
- P3DM Gallery (7)
- Legislation
- Mapping Toolbox
- FAQ on P3DM
- Free Publications
- Links - Participation
- Links - Technical
- Tips 4 Practitioners
- Edis database
- Services
- Notice Board
- Bibliography
- What's New

Join our MAILING LIST and receive updates on P3DM and PPGIS

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click here for asp

Hostway
web hosting & e-commerce

Sustainability Web Ring Home

Next Site
Previous Site
Random
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What's New on this web site

- ▶ **NEW** New selected [bibliography](#) on PPGIS and P3DM. (Posted on November 7, 2002).
- ▶ P3DM Multimedia Resource Kit. [Participatory 3-Dimensional Modelling: Guiding Principles and Applications](#). Coming soon! (Posted on August 21, 2002)
- ▶ [Tips for Practitioners](#): Find your answers to many practical questions on community-based mapping (Updated on July 6, 2002)
- ▶ P3DM for [Conflict Resolution and Management](#) (Posted on May 3, 2002).
- ▶ [Reference documents and links](#) supporting People's Participation in NRM including Indigenous Peoples' Intellectual Property Rights. (Posted on April 21, 2002)
- ▶ [Spatial learning and the vertical dimension](#). (Posted on March 31, 2002).
- ▶ Participatory 3-D Modeling [database](#). (Posted on March 1, 2002).

More on [What's New](#) >



We support: Integrated conservation and development interventions founded on *genuine* people's participation

Vision, Mission and Goals

IAPAD: Mission, Vision, Goals

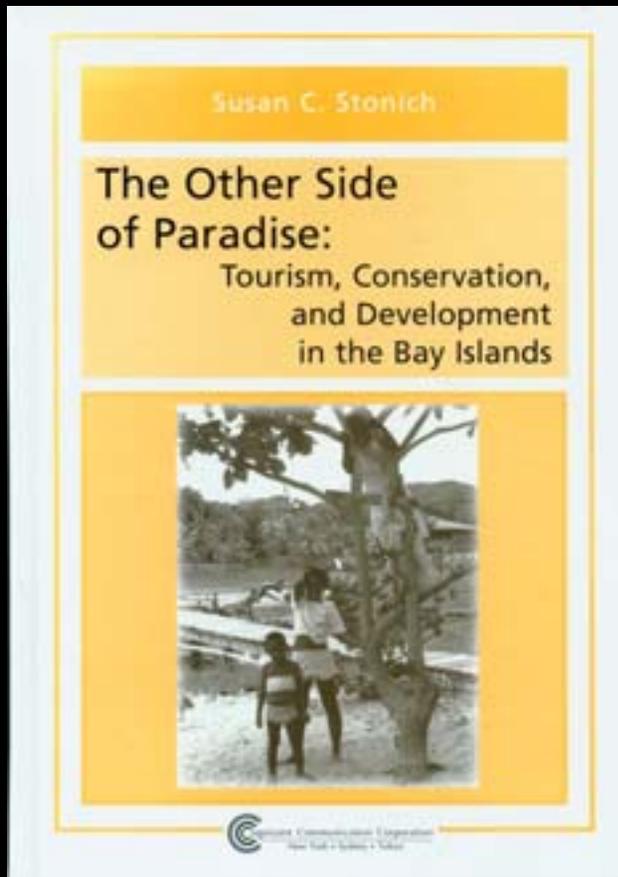


- Vision
 - Integrated conservation and development interventions focused on *genuine* people's participation.
- Mission
 - Dedicated to assuring grassroots' participation in the project cycle (design, appraisal, implementation, monitoring and evaluation).
 - Committed to facilitating the interaction of less favored groups of society with local government, institutional, and donor agencies.
- Goals
 - Promote the diffusion of Participatory 3-D Modeling (P3-DM) and PPGIS as best practice for merging people's knowledge and traditional spatial information.
 - To become an international meeting point for practitioners in community mapping and PPGIS.

IAPAD: Participatory Mapping



Political Ecology of Environmental Health Related to Water Borne Diseases



- GIS of environmental parameters (USAID)
- Household surveys
- Ethnography of water use
- Water testing
- Medical records
- Local level mapping household surveys, water quality, diagnostic records
- **MISSING:** Perceptions of environmental health risks