

## **Public Participation GIS Bibliography**

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Thanks to Mike McCall for new additions

### ***Specialty Issues***

Cultural Survival Quarterly 18, 4, 1995

Cartography and Geographic Information Systems (CAGIS) 1995, 22, 1. Special Issue on GIS and Society.

Cartography and Geographic Information Systems (CAGIS) 1998, 25, 2. Special Issue on PPGIS.

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Urban and Regional Information Systems Association Journal, JURISA, 2003, 15, APA2, <http://www.urisa.org/Journal/APANo2/Final.pdf>. Special Issue on Access and Participatory Approaches.

International Journal of Geographical Information Systems (IJGIS) 2000, 12, 12. Special Issue on the Social Construction of GIS.

Environment and Planning B 2001, 28, 6

Also the PPGIS workshop of Varenus, NCGIA,

<http://www.nciga.ucsb.edu/varenus/ppgis/papers/index.html>.

Proceedings of the 1<sup>st</sup> and 2<sup>nd</sup> Public Participation GIS Conferences. Available from URISA (see <http://www.urisa.org>)

Aboriginal Mapping Network, at <http://www.nativemaps.org>

### ***GIS and Society***

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Recent work has celebrated the political potential of counter-mapping, that is, mapping against dominant power structures, to further seemingly progressive goals. This article briefly reviews the counter-mapping

literature, and compares four counter-mapping projects from Maasai areas in Tanzania to explore some potential pitfalls in such efforts. The cases, which involve community-based initiatives led by a church-based NGO, ecotourism companies, the Tanzanian National Parks Authority, and grassroots pastoralist rights advocacy groups, illustrate the broad range of activities grouped under the heading of counter-mapping. They also present a series of political dilemmas that are typical of many counter-mapping efforts: conflicts inherent in conservation efforts involving territorialization, privatization, integration and indigenization; problems associated with the theory and practice of community-level political engagement; the need to combine mapping efforts with broader legal and political strategies; and critical questions involving the agency of external actors such as conservation and development donors, the state and private business interests.

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### **PPGIS/Community GIS**

Abbott, Jo, Robert Chambers, Christine Dunn, Trevor Harris, Emmanuel de Merode, Gina Porter, Janet Townsend, and Daniel Weiner. 1998. Participatory GIS: opportunity or oxymoron? Participatory Learning & Action PLA Notes (IIED, Sustainable Agriculture & Rural Livelihoods), PLA 33, 27-34.

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This article details the use of a public participation GIS in community planning in the Pilsen neighborhood in Chicago. The University of Illinois-Chicago, which is located next to Pilsen, provided the equipment and technical skills. The author explains in depth the advantages and disadvantages of a GIS used in this situation. The GIS was used at community meetings to help residents visualize the steps being proposed to improve the neighborhood. Combined with traditional approaches such as paper maps, the GIS was largely successful. The author felt there was some concerns with using a GIS such as good graphics can lend undeserved authority to a proposal. There was also concern that some residents were uncomfortable with the technical aspects of a GIS and therefore excluded from the process. He suggests that more research needs to be done on whether planners can truly act as unbiased facilitators in such situations. Overall he felt that the GIS was a valuable tool in the development process for Pilsen. (from Emily Larkin—[http://oregonstate.edu/~larkine/Public\\_Participation\\_GIS.html](http://oregonstate.edu/~larkine/Public_Participation_GIS.html))

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<http://www.ncgia.ucsb.edu/varenius/ppgis/papers/al-kodmany.html>

Allen, E., and Goers, R., 2002. Beyond maps: the next generation of GIS. *Planning*. 68(9): 26-29.

This articles details three case studies where GIS has been used for community planning decisions. The article seems to be aimed at planners who might not have a lot of previous exposure to GIS as it details functionality specific to community planning. (from Emily Larkin—[http://oregonstate.edu/~larkine/Public\\_Participation\\_GIS.html](http://oregonstate.edu/~larkine/Public_Participation_GIS.html))

Ball, J. 2002. Towards a methodology for mapping 'regions of sustainability' using PPGIS. *Progress in Planning*. 58: 81-140.

This exhaustive article (60 pages!) which is basically a review of literature about PPGIS, includes many definitions and case studies about PPGIS. After describing various traditional methods of gaining public input in the planning process, he discusses the role of PPGIS in the planning process. Slaithwaite and the Chicago-Pilsen examples of PPGIS being used in the planning process are discussed at length. He also describes how PPGIS has been used for forest management in southern Ghana. The author's conclusions about PPGIS's applicability to sustainable development is discussed in the last chapter of the article. Some of the factors that lead to the success of a PPGIS are discussed in the last chapter as well. Among them are an easy-to-use interface, web-based systems allow for wider use, and a simple method to obtain user input. (from Emily Larkin—[http://oregonstate.edu/~larkine/Public\\_Participation\\_GIS.html](http://oregonstate.edu/~larkine/Public_Participation_GIS.html))

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local participation, resources, ICT, information, women

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