

**PGIS, PPGIS and P-Mapping  
in the URBAN CONTEXT:  
REFERENCES**

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May 2010**

**Docs**

Abbot, 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.

Abbott, John (2002)  
The use of GIS In informal settlement upgrading: its role and impact on the community and local government. Paper given at GISDECO Conference 'Governance and the Use of GIS in Developing Countries', Enschede, May '02. Proc. 4.1 - 4.13.

Keywords: South Africa, Cape Town, community, urban informal planning, risk, security, 'participatory planning but not P-mapping, etc.'

Abbott, John (2003)  
The use of GIS in informal settlement upgrading: its role and impact on the community and on local government Habitat International 27 (4) 575-594.

Keywords: South Africa, Cape Town; peri urban, community, informal participatory planning, land registration

Aggett, Graeme; and McColl, Chris (2006)  
Evaluating decision support systems for PPGIS applications. Cartography and Geographic Information Science 33 (1) 77-92

Keywords: urban, DSS, CommunityViz, community-based spatial decision-making, public participation, evaluation

Aitken, Stuart (2002)  
Public participation, technological discourses and the scale of GIS. pp. 357-366 (Chap.27) IN: Craig; Harris; & Weiner (eds) (2002)

Aitken, Stuart C.; and S. Michel (1995)  
Who contrives the 'real' in GIS? Geographic information, planning and critical theory. Cartography & GIS 22 (1) 17-29.

Al-Kodmany, Kheir (1998)  
Multimedia GIS applications for neighborhood planning and design: the case of Pilsen, Chicago. Paper given at: NCGIA specialist meeting 'Empowerment, Marginalization and Public Participation GIS.

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

Keywords: USA, Chicago, urban community planning, multimedia, visualisation,

Al-Kodmany, Kheir (1999a)  
Using GIS and web-based technologies in participatory planning: advancing Kevin Lynch's and Jack Naser's work on a public evaluative image of the city.

In: Proceedings of 6<sup>th</sup> International Conference on Computers in Urban Planning and Urban Management, Sept. 1999 16 p. (CD-ROM).

Keywords: USA, Chicago, web GIS, urban community planning, visualisation, Lynch

Al-Kodmany, Kheir (1999b)  
Using visualization techniques for enhancing public participation in planning and design: process, implementation, and evaluation. Landscape & Urban Planning 45, pp. 37-45.

Keywords: USA, Chicago, urban community planning, web GIS, visualisation [comparing: GIS, free sketching, computer photo-manipulation]

Al-Kodmany, Kheir (1999c)  
Visualization tools and public participation: from crayons to computers  
Critical Planning Spring pp. 27-35.  
<http://www.spsr.ucla.edu/critplan/past/documents/vol6/07%20Kheir.pdf>

Keywords: USA, Chicago, urban community planning, visualisation, web GIS

Al-Kodmany, Kheir (2000)  
Extending GIS to meet neighbourhood planning needs: the case of three Chicago communities.

Urban and Regional Information Systems Association (URISA) J. 12 (3) 19-37.

Keywords: USA, Chicago, GIS, web GIS, participation, neighbourhood, multimedia, electronic sketchboards, 3D models,

Al-Kodmany, Kheir (2001)  
Bridging the gap between technical and local knowledge: tools for promoting community-based planning and design.  
J. of Architectural & Planning Research 18 (2) 110-130.

Keywords: USA, Chicago-Pilsen, PPGIS, participation, neighbourhood, P-mapping, (problems of representativeness)

Al-Kodmany, Kheir (2007)  
Creative approaches for augmenting two-way spatial communication and GIS.  
GIS Development Asia Pacific 11 (2) 34-37.

Keywords: participation, PPGIS, interactive web GIS, feedback surveys, USA, Chicago,

Al-Zoabi, Ahmad Y. (2001?)  
Children's 'Mental Maps' and Neighbourhood Design of Abu-Nuseir, Jordan.

Riyadh: King Saud University, College of Architecture & Planning. (19p.)

[www.arurban.org/childcity/papers/English..](http://www.arurban.org/childcity/papers/English..)

Keywords: Jordan, urban neighbourhoods, children, cognitive mental maps, social, gender, (not GIS), (cf. Lynch)

Alagan, Ram (2007)  
Participatory GIS Approaches to Environmental Impact Assessment: A Case study of the Appalachian Corridor H Transportation Project.  
Morgantown, WV: West Virginia University, Dept. of Geology and Geography, PhD Thesis (227p.)  
[https://eidr.wvu.edu/files/5035/Alagan\\_R\\_dissertation.pdf](https://eidr.wvu.edu/files/5035/Alagan_R_dissertation.pdf)

Keywords: USA, West Virginia, Appalachia, EIA, environmental values, social, economic, (rural highway), transportation, participatory GIS, Geo visualisation

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

Keywords: 3 urban cases studies of community GIS, USA?

Allen, Jeffery; and Kang Lu (2003)  
Modeling and prediction of future urban growth in the Charleston Region of South Carolina: A GIS-based integrated approach.  
Ecology and Society 8 (2).

<http://www.ecologyandsociety.org/vol8/iss2/>  
Keywords: urban growth, land transition, focus groups. "participatory GIS", USA, Charleston,

Anderson, Janet; Julia Meaton; and Clive Potter (1994)  
Public participation: an approach using aerial photographs at Ashford, Kent.  
Town Planning Review 65 (1) 41-58.  
Keywords: UK, Ashford, aerial photographs

Anggraini, Dewi (2007)  
Community - based analysis of coping with urban flooding: a case study in Semarang, Indonesia. Enschede: ITC, MSc in Urban Planning and Management MSc Thesis. (79 p.)  
[http://www.itc.nl/library/papers\\_2007/msc/upla/anggraini.pdf](http://www.itc.nl/library/papers_2007/msc/upla/anggraini.pdf)

Keywords: Indonesia, Java, Semarang, urban hazards, flooding, (some) PGIS, CRA, coping strategies

Anon (2003)  
Resource mapping.

GIS@Development June 2003, (2p.)  
<http://www.gisdevelopment.net/magazine/gisdev/2003/June/resource1.shtml>

Keywords: India- Indore, PRA, P-mapping, rural, urban, (NRM), 'MANGO' project

Anon (NetSquared) (2008)  
 HarassMap - Reporting & Mapping Sexual Harassment on the Streets via SMS.

<http://www.netsquared.org/projects/harassmap-reporting-mapping-sexual-harassment-sms>

Keywords: Egypt, women, gender, security, report incidences sexual harassment via SMS. advocacy, prevention tool, (P but not direct mapping)

Appleyard, Bruce S. (2005)  
 Livable streets for schoolchildren. How Safe Routes to School programs can improve street and community livability for children. NCBW Forum March 2005, 1-15

[http://www.nyswalks.org/livable1\\_8.pdf](http://www.nyswalks.org/livable1_8.pdf)

Keywords: USA, California, San Francisco Bay, children, urban mobility, safety, transport, National Center for Bicycling and Walking, [www.ncbwforum.infop.cc](http://www.ncbwforum.infop.cc)

Ardener, Shirley (ed.), (1993)  
Women and Space: Ground Rules and Social Maps. Cross-Cultural Perspectives on Women.

Oxford: Berg (2<sup>nd</sup> ed.) (240p.)  
 ISBN 0854967281

Keywords: social maps, women, gender (Ardener); Sacred in Urban Greek Locality (Hirschon); Problem of Privacy in Mediterranean (Sciama); Place & Face of Women, Doshman Ziari, Iran (Wright); Sexual Division of Domestic Space, Georgians & Tadjiks (Dragadze); Spatial Domains & Women's Mobility, Yorubaland, Nigeria (Callaway); Where Women Must Dominate: South African Urban Community (Ridd)

Balaji, L.N. (2006?)  
 GIS in Health.

GIS Development, Geospatial Application Papers Overview No. 13. (3p.)  
<http://gisdevelopment.net/application/health/overview/health0003pf.htm>

Keywords: health, GIS, methods, some programmes

Ball, Jonathan (2002)  
 Towards a methodology for mapping 'regions of sustainability' using PPGIS.

Progress in Planning 58 (2) 81-140.  
 Keywords: lit. review of urban & rural PGIS, participatory planning, egs. Slaithwaite, Chicago-Pilsen, forestry Sn. Ghana; success factors

Balram, Shivanand; and Dragicevic, Suzana (2005)

Attitudes toward urban green spaces: integrating questionnaire survey and collaborative GIS techniques to improve attitude measurements.

Landscape and Urban Planning 71, pp. 147-162

Barndt, Michael (2002)  
 A model for evaluating public participation GIS  
 pp. 346-356 (Chap.26) IN: Craig; Harris; & Weiner (eds) (2002)

Barodien, Glynnis; and Michael Barry (2004)

Palm computers for spatially referenced social surveys in upgrading informal settlements.

New Zealand Surveyor 294 (June'04) 3-9  
[www.cybertracker.org](http://www.cybertracker.org)

keywords: South Africa, CP, Cape Town, Algeria village, urban housing, rural land reform, PGIS, mobile GIS, cybertracker,

Barry, Michael; and Heinz R  ther (2005)  
 Data collection techniques for informal settlement upgrades in Cape Town, South Africa.

URISA Journal 17 (1) 43-52.  
<http://www.urisa.org/files/Barryvol17no1-5.pdf>

Keywords: South Africa, Cape Town, Tanzania, Dar es Salaam, urban settlements, informal tenure, P mobile GIS, Pmapping, video, photo, CyberTracker,

Barton, Jack; Plume, Jim; and Parolin, Bruno (2005)

Public participation in a spatial decision support system for public housing.

Computers, Environment and Urban Systems 29; 630-652.

Keywords: Australia, Sydney, participatory urban planning, housing, SDSS, 3D spatial models, graphics modelling, customised tools to support effective web-based user interaction.

Batty, Michael (2001)

Models in planning: technological imperatives and changing roles. International J. of Applied Earth Observation & Geoinformation 3 (3) 252-266.

Keywords: urban planning, participatory design, P-GIS, 2½ -D, urban spatial planning, land use, GIS, 3-D models, online participation, UK, London, Hackney

Beazley, Harriot (1998)

Subcultures of resistance: street children's conception and use of space in Indonesia. Malaysian Journal of Tropical Geography 29 (1) 11-22.

Keywords: Indonesia, Yogyakarta, mental maps, security, dangers, urban, social, street children, power, subversion

Beazley, Harriot (2000)

Street boys in Yogyakarta: social and spatial exclusion in the public spaces of the city. pp.472- Chap. 40, IN Bridge, Gary; and Watson, Sophie (eds) (2000) A Companion to the City. London: Blackwell

Keywords: Indonesia, Yogyakarta, mental maps, security, dangers, urban, social, street children, power, subversion

Berglund, Ulla (2008)

Using children's GIS maps to influence town planning.

Children, Youth and Environments 18 (2) 110-132 / 197-205

<http://www.colorado.edu/journals/cye>

[http://www.colorado.edu/journals/cye/18\\_2/18\\_2\\_05\\_ChildrensMaps.pdf](http://www.colorado.edu/journals/cye/18_2/18_2_05_ChildrensMaps.pdf)

Keywords: Stockholm, & central Sweden, urban children mapping, PGIS, environment, security, "facilitating children's influence on spatial planning; communication tool in practice for children, teachers & planners. Computerized GIS maps - With little assistance, 10- to 12-year-olds map their routes, special places, mark activities, write comments. Teachers can also map routes and places. Results have proved reliable & accessible by planners."

Berglund, Ulla; and Nordin, Kerstin (2005).

Including children's perspective in urban planning in GIS: development of a method. pp. 178-185 IN: Bob Martens; and Alexander Keul (eds) Designing Social Innovation: Planning, Building, Evaluation. Göttingen: Hogrefe & Huber.

Keywords: urban planning, Stockholm, & central Sweden villages, GIS, 10-12, 15 year olds, children LSK, routes & places, traffic safety,

Berglund, Ulla; and Nordin, Kerstin (2007) Using GIS to make young people's voices heard in urban planning.

Built Environment 33 (4) 469-481

doi: [10.2148/benv.33.4.469](https://doi.org/10.2148/benv.33.4.469)

Keywords: Sweden, Stockholm, central Sweden village, urban planning, children mapping, PGIS, environment, security, routes & places, traffic safety ,

Bill, R.; D. Dransch; and C. Voight (1999)

Multimedia GIS: concepts, cognitive aspects and applications in an urban environment.

IN: A.S. Camara; and J. Raper (eds) (1999) Spatial Multimedia and Virtual Reality. London: Taylor & Francis.

Black, Peter (2001)

Environmental Defense GIS program.

pp. 4-5 IN: Convis (ed.) (2001)

Keywords: (USA), urban, GIS, environmental pollution mapping "Scorecard"

Boal, F.W. (1969)

Territoriality on the Shankill-Falls divide, Belfast.

Irish Geography 6, 30-60.

Keywords: UK, Northern Ireland; Belfast; urban, mental maps, spatial conflict

Bosworth, M. and Donovan, J. (1998)

A mapmaker's dream: Public involvement applications utilization of GIS.

Varenus Initiative paper

<http://www.ncgia.ucsb.edu/varenus/ppgis/papers/bosworth.html>

Bosworth, Mark; John Donovan; and Paul Couey (2002)

Portland Metro's dream for public involvement.

pp. 125-136 (Chap.10) IN: Craig; Harris; & Weiner (eds) (2002)

Keywords: USA, Portland

Brennan-Horley, Chris; Luckman, Susan; Gibson, Chris; and Willoughby-Smith, Julie (2010)

GIS, ethnography, and cultural research:  
Putting maps back into ethnographic  
mapping.

The Information Society 26 (2) 92-103.

DOI: 10.1080/01972240903562712

<http://dx.doi.org/10.1080/01972240903562712>

Keywords: Australia, Darwin, 'Creative  
Tropical City project' urban mental mapping,  
GIS, sketches, 'revealing important sites and  
linkages between people & places'.

'Responses uncovered Darwin's unique  
geography of creative inspiration that  
preferences Darwin's natural environment  
over sites of urban creative milieu.'

van den Brink, A.; van Lammeren, R.; van  
de Velde, R.; and Dane, S. (2007)

Imaging the Future : Geo-Visualisation for  
Participatory Spatial Planning in Europe.

Wageningen: Wageningen Academic ,  
Mansholt Publ. Series (199p.) + DVD.

Keywords: participatory spatial planning,  
geo-visualisation, Europe, EU, Belgium,  
Poland, Portugal, Spain, Netherlands.

Brodnig, Gernot; and Mayer-Schonberger,  
Viktor (2000)

Bridging the gap: the role of spatial  
information technologies in the integration of  
traditional environmental knowledge and  
western science.

Electronic J. on Information Systems in  
Developing Countries vol. 1, (15p.)

Keywords: GIS, ITK, social, participation,  
(RS)

<http://www.unimas.my/fit/roger/EJISDC/EJISDC.htm>

Bunge, William W. (1969)

Detroit Geographical Expedition, Field  
Notes, DGE Discussion Paper No. 1.

Detroit: The Society for Human Exploration

Keywords: USA; Detroit

Bunge, William W. (1969)

Atlas of Love and Hate.

Detroit: The Society for Human Exploration

Keywords: USA; Detroit

Bunge, William W.; and Ron Bordsessa  
(1975)

The Canadian Alternative: Survival,  
Expeditions and Urban Change.

York University, Atkinson College,  
Geographical Monographs No. 2

Keywords: Canada. urban; social; political

van der Burgt, Danielle (2008)

How children place themselves and others  
in local space.

Geografiska Annaler: Series B, Human  
Geography 90 (3) 257-269

DOI: 10.1111/j.1468-0467.2008.291.x

Keywords, Summary: children 11-15 in 6  
neighbourhoods, Swedish town place  
themselves and others in local space. how  
they discuss neighbourhood stigmatized in  
public discourse and how children living  
there react to negative representations of  
the place they live. Group interviews and  
maps. Study shows children construct  
representations of their own neighbourhoods  
as "quiet" neighbourhoods and place objects  
of "trouble" and "danger" somewhere else.  
In relation to personal knowledge of  
neighbourhood and in relation to local and/or  
media representations of their own & other  
neighbourhoods. Children are influenced by  
media representations of neighbourhood,  
but also they are not passive reproducers of  
these discourses and some are able to offer  
counter-discourses.

Burke, J.; D. Estrin, M. Hansen, A. Parker,  
N. Ramanathan, S. Reddy, and M. B.  
Srivastava (2006)

Participatory Sensing.

Paper given at 4th ACM Conf. on Embedded  
Networked Sensor Systems (ACM SenSys  
2006), Workshop on World-Sensor-Web  
(WSW'2006), Boulder, CO. Nov. 2006.  
(5p.)

[http://www.sensorplanet.org/wsw2006/6\\_Burke\\_wsw06\\_ucla\\_final.pdf](http://www.sensorplanet.org/wsw2006/6_Burke_wsw06_ucla_final.pdf)

Keywords: "participatory sensors", eg. cell  
phones, interactive, P sensor networks  
gather, analyze, share local knowledge.  
Architecture enhance data credibility,  
quality, privacy, 'shareability' in networks, P.  
at personal, social, urban scales. 4 Egs.  
urban planning, public health, cultural  
identity & creative expression, NRM.

Campagna, M.; and Deplano, G. (2002)

Public participation GIS for re-development  
support in European historic city centres.

IN: M. Schrenk (ed.) (2002)

Computergestutzte Raumplanung CORP.

Vienna: Vienna University of Technology,  
Dept. of Computer Aided Planning and  
Architecture.

Keywords: Austria, Vienna, architecture, aesthetics, culture, PGIS

Cardinal, Nathan (2006)  
The exclusive city: Identifying, measuring, and drawing attention to Aboriginal and Indigenous experiences in an urban context  
*Cities* 23 (3) 217-228.

[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6V9W-4JX379J-3&\\_user=1437095&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&\\_view=c&\\_acct=C000052707&\\_version=1&\\_urlVersion=0&\\_userid=1437095&md5=2f089f9578ed98335eabad96627966c8](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6V9W-4JX379J-3&_user=1437095&_rdoc=1&_fmt=&_orig=search&_sort=d&_view=c&_acct=C000052707&_version=1&_urlVersion=0&_userid=1437095&md5=2f089f9578ed98335eabad96627966c8)

Keywords: Canada, urban Vancouver, 36000 indigenous peoples, urban indicators, (not PGIS), health, social, cultural, spiritual, Aboriginal concept of medicine wheel – 4 elements (physical/economic, spiritual/cultural, emotional/social, mental/environment) as foundation of sustainability. lower quality of life Aboriginal people, 36% indicators fair or improving, 60% deteriorating or poor.

Casey, L.; and Pederson, T. (2002)  
Mapping Philadelphia's neighbourhoods. pp. 65-76 In: Craig, W.J.; Harris, T.M.; and Weiner, D. (eds) (2002) *Community Participation and Geographic Information Systems*. London: Taylor and Francis.  
Keywords: USA, Philadelphia, neighbourhood

Carver, Steve (2001)  
Participation and Geographical Information: a position paper.  
ESF-NSF Workshop on Access to Geographic Information & Participatory Approaches using Geographic Information. Spoleto, Dec. 2001.

Carver, Steve (2001)  
Public participation using web-based GIS. Guest Editorial.  
*Environment and Planning* 28 (6) 803-804.  
Keywords: urban planning, governance, participation, institutions, web, GIS, UK, USA

Carver, Steve; Andy Evans; Richard Kingston; and Ian Turton (1999)  
Virtual Slaithwaite: A Web-based Public Participation 'Planning for Real' ® System. Leeds: University of Leeds, School of Geography, Case Study Report. (14p.)  
<http://www.geog.leeds.ac.uk/papers/99-8/>

Keywords: Slaithwaite PFR-NIF refers to the 'Planning for Real' ® exercise by Neighbourhood Initiatives Foundation using a 1:1000 3-D scale model of Slaithwaite village, West Yorkshire, UK.

Carver, Steve; A. Evans; R. Kingston; and I. Turton (2000)  
Accessing geographical information systems over the World Wide Web: improving public participation in local environmental decision-making.  
*Information, Infrastructure & Policy* 6, 157-170.

Keywords: urban planning, governance, participation, GIS, UK Slaithwaite

Carver, Steve; Andrew Evans; Richard Kingston; and Ian Turton (2001)  
Public participation, GIS, and cyberdemocracy: evaluating on-line spatial decision support systems.  
*Environment and Planning B* 28 (6) 907-922.  
<http://www.envplan.com/epb/abstracts/b28/b2751t.html>

Keywords: urban planning, DSS, participation, governance, institutions, web GIS, UK, Slaithwaite, (USA), 'cyber democracy'

Carver, Steve; and Kheir al-Kodmany (2001)  
Supporting imageability on the World Wide Web: Lynch's five elements of the city in community planning. .  
*Environment and Planning B, Planning & Design* 8 (6) 805-832.  
Keywords: urban planning, visualisation, participation, web, GIS, Kevin Lynch

Carver, Steve; and R. Peckham (1999)  
Internet-based applications of GIS in planning.  
In: S. Geertman; S. Openshaw; and J. Stillwell (eds) (1999) *Geographical Information and Planning: European Perspectives*. Springer.

Carver, Steve; and Zhong-Ren Peng (2001)  
Internet GIS for public participation.  
*Environment and Planning B. Planning & Design* 28 (6) 889-906.  
Keywords: urban planning, governance, participation, institutions, web, GIS.

- Casey, Liza; and Tom Pederson (2000)  
Mapping Urban Neighbourhood  
Environments.  
Varenus Initiative paper  
<http://www.ncgia.ucsb.edu/varenus/ppgis/papers/casey.html>
- Casey, Liza; and Tom Pederson (2002)  
Mapping Philadelphia's neighbourhoods.  
pp. 65-76 (Chap.5) IN: Craig; Harris; &  
Weiner (eds) (2002)  
Keywords: USA, Philadelphia, urban  
neighbourhoods
- Cauvin, Colette (2002)  
Cognitive and cartographic representations:  
towards a comprehensive approach.  
Représentations cartographiques et  
cognitives: quelques propositions  
méthodologiques  
Cybergeo No.206, (15 Janvier)  
<http://193.55.107.45/cartogr/cauvin/cauvin1.htm>  
Keywords: Sketch map, Spatial cognition,  
Spatial knowledge & learning, Textual  
analysis. Urban, France, Strasbourg.  
Cognitive representations of urban space, 3  
steps: identification= importance of a place;  
location indicates level of individuals' spatial  
knowledge, description= significant  
attributes of places for individuals. Protocol  
proposed for each step
- Cele, Sofia (2005)  
Communicating Place: Methods for  
Understanding Children's Experiences.  
Stockholm: Acta Universitatis  
Stockholmiensis / Stockholm Studies in  
Human Geography no. 16  
Keywords: children, cognition images,  
spatial representation, Sweden?
- Chan, Emily; and Leslie H. Lowe (2001)  
New York City Environmental Justice  
Alliance  
pp. 6-7 IN: Convis (ed.) (2001)  
Keywords: USA- NY, urban, GIS, community  
environmental mapping GIS, equity,
- Chase, W. G. (1983)  
Spatial representations of taxi drivers.  
pp. 391-405 IN: D. R. Rogers; & J. H.  
Slobada (eds) (1983) Acquisition of  
Symbolic Skills.  
New York: Plenum  
Keywords: USA
- Chicago Public Radio (1998/2007)  
This American Life episode 110: Mapping.  
(19.10.2007)  
[http://www.thisamericanlife.org/Radio\\_Episode.aspx?episode=110](http://www.thisamericanlife.org/Radio_Episode.aspx?episode=110)  
Keywords: perceptual maps, alternative  
urban maps, sight, hearing, smell, touch,  
taste, Denis Wood, USA, New York City,  
Boylan Heights, Raleigh, North Carolina,  
Los Angeles
- Christiansen, Maike (2007)  
Integration von Methoden des Partizipativen  
GIS in das städtische  
Umweltinformationssystem (EMIS) von UN-  
HABITAT - am Beispiel von NakInfo, Nakuru  
(Kenia). [Integration of Participatory GIS  
methods in UN-HABITAT's urban  
Environmental Management Information  
System (EMIS) - the example of NakInfo,  
Nakuru (Kenya)]. (German, Summary in  
English 17p.).  
Berlin: Humboldt-University, Geography  
Department, Diplomarbeit.  
Keywords: Kenya, Nakuru, urban GIS data,  
NakInfo, Local Urban Observatory Project,  
UN Habitat, EMIS, PGIS methods
- Cinderby, Steve (2007)  
How Communities can use Geographical  
Information Systems.  
IN: Clay, C.; Madden, M.; and Potts, L.  
(eds) (2007) Towards Understanding  
Community: People and Places.  
Palgrave  
Keywords: PGIS, urban community, UK
- Cinderby, Steve (2008)  
How to reach the 'hard-to-reach': the  
development of Participatory GIS for  
inclusive urban design in UK cities.  
Paper given at GISRUK Conference, 2008.  
[http://www.unigis.org/gisruk\\_2008/proceedings/cinderby.pdf](http://www.unigis.org/gisruk_2008/proceedings/cinderby.pdf)  
Keywords: urban PGIS, RRA, PRA, UK,  
Salford, York, Blackpool, children, ethnics,  
elderly, urban planning, participation.
- Cinderby, Steve; and Forrester, John  
(2005)  
Facilitating local governance of air pollution  
using GIS for participation.  
Applied Geography 25, 143-158  
Keywords: air pollution, participation, PGIS,  
UK, urban, governance

Cinderby, Steve; and Potts, L. (2007)  
Suspicious cartographers: Some realities of research into stakeholder understanding of the causes and possible prevention of breast cancer.

Science and Public Policy 34 (4)

Keywords: UK, health, women,

Cinderby, Steve; Snell, Carolyn; and Forrester, John (2008)  
Participatory GIS and its application in governance: the example of air quality and the implications for noise pollution.

Local Environment 13 (4) 309-320.

Keywords: UK, urban community planning, policy inputs, PGIS, 2 cases: air noise pollution, governance

Common Ground (2004?)  
Mapping Our Common Ground. Activities & Resources for Community Mapping.

Victoria, BC: Common Ground Community Mapping Project. (20p.)

Keywords: Canada, BC, urban community mapping examples, Green Mapping, training

Couclelis, Helen; and Mark Monmonier (1995)  
Using SUSS to resolve NIMBY: how spatial understanding support systems can help with the 'Not In My Back Yard' syndrome.  
Geographical Systems 2 (2) 83-101.  
Keywords: USA, planning, conflict analysis

Cousins, (2000) ??

Craig, William J.; and Sarah A. Elwood (1998)  
How and why community groups use maps and geographic information.

Cartography & Geographic Information Systems 25 (2) 95-104.

Craig, William J.; Harris, Trevor M.; and Weiner, Daniel (eds) (2002)  
Community Participation and Geographic Information Systems.

London: Taylor & Francis. (400p.)

Craig, William J.; Harris, Trevor M.; and Weiner, Daniel (2002)  
Conclusion.  
pp. 368-372 (Chap.28) IN: Craig; Harris; & Weiner (eds) (2002)

CSDMS (2004)

Neighbourhood Mapping.  
Paper (PowerPoint) given at 'Map India 2004' Conference, New Delhi, Jan. 2004.  
Keywords: India, participatory urban, village mapping, (RRA), methods, (participation), survey tools.

Davidson, Brett (2004)  
Mapping the Radio KC community.  
Soul Beat Africa June 2004  
<http://www.comminit.com/en/node/212674/38>  
<http://www.comminit.com/en/node/341/36>  
Keywords: South Africa, Paarl, radio journalists "civic mapping" = mental maps + community focus groups

Denil, Barbara (2008)  
Participative Geographical Information System (PGIS) to assist cities in addressing Food Security issues through Urban and Periurban Agriculture. The case of Bacolod City, Philippines.  
Namur: FUNDP, (Facultés Universitaires Notre-Dame de la Paix), Faculté des Sciences, Département de Géographie, PhD Diss. (276p.)  
ISBN : 978-2-87037-620-1  
<http://dial.academielouvain.be:8080/vital/access/manager/Repository/boreal:22771>  
Keywords: PGIS, urban farming, periurban agriculture, Philippines, Negros Occidental, Bacolod City, food security, health, poverty

Dennis, Samuel F. (2006)  
Prospects for qualitative GIS at the intersection of youth development and participatory urban planning.  
Environment & Planning A 38 (11) 2039-2054.  
Keywords: USA, Madison? Wisconsin, urban, public participation, youth, children, PGIS, photos, drawings, narrative, P mapping of social environment.

Diedrich, John (2006)  
City Web site lets users track crime: Police hope data will keep people informed about neighborhoods.  
Milwaukee Journal Sentinel Online  
29.12.2006  
<http://www.jsonline.com/story/index.aspx?id=547422> Posted: Dec. 29, 2006  
Keywords: urban crime mapping, USA, Milwaukee, "community mapping"?!,

querying crime locations at block level, (governance) (ethics?),

Dongus, Stefan; Dickson Nyika; Khadija Kannady; Deo Mtasiwa; Hassan Mshinda; Ulrike Fillinger; Axel W Drescher; Marcel Tanner; Marcia C Castro; and Gerry F Killeen (2007)

Participatory mapping of target areas to enable operational larval source management to suppress malaria vector mosquitoes in Dar es Salaam, Tanzania. International Journal of Health Geographic 6, 37 doi:10.1186/1476-072X-6-37 <http://www.ij-healthgeographics.com/content/6/1/37>

Keywords: Tanzania, Dar es Salaam, health, community mapping, community API, GIS, mapping costs; malaria, mosquito control

Drew, Christina H. (2002)

Transparency - considerations for PPGIS research and development.

URISA Journal (Currently under peer review) version 02/28/02.

[http://www.urisa.org/Journal/Under\\_Review/consideration\\_for\\_ppgis\\_research.htm](http://www.urisa.org/Journal/Under_Review/consideration_for_ppgis_research.htm)

Keywords: GIS, online maps, nuclear waste sites, Washington USA, social groups, group decision-making, EAST= Enhanced Adaptive Structuration theory; 'not really P-GIS, but "public records GIS"'.

Duerden, Frank; and Richard Kuhn (1996)

Indigenous Land-use Information Project. Ryerson School of Applied Geography. [www.ryerson.ca/geog/wwwsag/html/indigen](http://www.ryerson.ca/geog/wwwsag/html/indigen).

Dunn, Christine E.; Atkins, Peter J.; and Townsend, Janet G. (1997)

GIS for development: a contradiction in terms?

Area 29 (2) 151-159.

Keywords: technology transfer, technol. 'push', (PRA), critique of GIS applications, training

Edney, M.H. (1991)

Strategies for maintaining the democratic nature of geographic information systems. Papers & Proc. of Applied Geography Conferences 14, 100-108.

Keywords: access, equity, control of (geo)-information.

Egenhofer; Max J.; and David M. Mark (1995)

Naïve geography.

pp. 1-15 IN: A.U. Frank & W. Kuhn (eds) (1995) Spatial Information Theory: a Theoretical Basis for GIS.

Berlin: Springer, Lecture Notes in Computer Sciences No. 988.

Keywords: spatial theories, spatial cognition, psychology, (GIS, maps), spatial concepts, culture.

Elwood, Sarah A. (2001)

GIS and collaborative urban governance: understanding their implications for community action and power.

Urban Geography 22 (8) 737-759.

Elwood, Sarah (2002 a)

GIS use in community planning: a multidimensional analysis of empowerment. Environment & Planning A 34 (5) 905-922.

Elwood, Sarah (2002 b)

The impacts of GIS use for neighbourhood revitalization in Minneapolis.

pp. 77-88 (Chap.6) IN: Craig; Harris; & Weiner (eds) (2002)

Keywords: USA, Minneapolis

Elwood, Sarah (2006 a)

Beyond cooptation or resistance: urban spatial politics, community organizations, and GIS-based spatial narratives.

Annals of Assoc. of American Geographers 96, 323-341.

Keywords: USA, Chicago, participatory decision making, PPGIS, urban

Elwood, Sarah (2006 b)

Critical issues in Participatory GIS: Deconstructions, reconstructions, and new research directions.

Transactions in GIS 10 (5) 693-708.

Keywords: critique of PGIS – technocratic, digital divide, not truly participatory, no represent mental maps & ambiguity. Process of participation

Elwood, Sarah (2006 c)

Negotiating knowledge production: the everyday inclusions, exclusions, and contradictions of participatory GIS research. Professional Geographer 58 (2) 197-208.

Keywords: urban USA, Chicago, Humboldt Park GIS Project, PGIS, participation, shared decision-making in practice

Elwood, Sarah (2007)  
Negotiating participatory ethics in the midst of institutional ethics  
ACME: An International E-Journal for Critical Geographies 6 (3) 329-338.  
<http://www.acme-journal.org/vol6/SE.pdf>  
Keywords: participation, spatial knowledge, ethics, (urban) planning

Elwood; Sarah; and Rina Ghose (2001)  
PPGIS in community development planning: framing the organizational context.  
Cartographica 38 (3-4) 19-33.  
Keywords: urban PGIS, community planning, participation, Milwaukee, USA

Elwood, Sarah; and Helga Leitner (1998)  
GIS and community-based planning: exploring the diversity of neighbourhood perspectives and needs.  
Cartography & Geographic Information Systems 25 (2) 77-88.  
Keywords: unequal benefits, some groups empowered, others disenfranchised

Elwood, Sarah; and Helga Leitner (2003)  
GIS and spatial knowledge production for neighborhood revitalization: negotiating state priorities and neighborhood visions.  
Journal of Urban Affairs 25 (2) 139-157.  
<http://www.blackwell-synergy.com/doi/abs/10.1111/1467-9906.t01-1-00003>  
Keywords: USA, Minneapolis- St. Paul, urban governance, neighborhood organizations use GIS in planning & revitalization. (neoliberal policy)  
Organisations' spatial knowledge and revitalization reflect the state, but some construct alternative knowledge & visions through GIS.

English, Kim Zanelli; and Laura S. Feaster (2003)  
Community Geography: GIS in Action.  
ESRI Press. (296pp.)

Environment Canada (1999)  
Pinpointing Nonpoint Source Pollution.  
Ottawa?: Environment Canada, A Georgia Basin Ecosystem Initiative (17p.)  
Gail Moyle (ed.)

Keywords: 3D models, education training, community participation, schools, (urban) pollution, Canada, Lower Fraser River, BC

Evans, A.; Kingston, R.; and Carver, S. (2004)  
Democratic input into the nuclear waste disposal problem: the influence of geographical data on decision making examined through a web-based GIS.  
J. of Geographical Systems  
Keywords: UK; environmental hazards; nuclear

Fisher J.B.; Kelly, M.; and Romm, J. (2006)  
Scales of environmental justice: Combining GIS and spatial analysis for air toxics in West Oakland, California.  
Health & Place 12, 701-714.  
Keywords: USA, California, health, air pollution; environmental justice.

Forrester, John; Howard Cambridge; and Steve Cinderby (1999)  
The Value and Role of GIS to Planned Urban Management and Development in Cities in Developing Countries.  
City Development Strategies 1 (1), ["in press"]

Forrester, John; Howard Cambridge; and Steve Cinderby (1999)  
The Value and Role of GIS to Planned Urban Management and Development in Cities in Developing Countries.  
Stockholm: Stockholm Environment Institute.

Forrester, John M.; L. Potts; P.J. Rosen; and Steve Cinderby (2003)  
Public Involvement, Environment and Health: Evaluating GIS for Participation. Full Report on research activities and results.  
'Do Geographic Information Systems for Participation (GIS-P) help to incorporate citizen inputs into science-based decision making?'  
ESRC- Economic & Social Research Council. (9p.)  
[http://www.regard.ac.uk/research\\_findings/L144250045/report.pdf](http://www.regard.ac.uk/research_findings/L144250045/report.pdf)  
Keywords: UK, review of 3 cases of 'GIS for participation'-: health- breast cancer, air quality, urban & rural regeneration.

Forrester, John; S. Yearley; and P. Bailey (1999).  
Methodological Considerations for Involving the Public in Local Agenda 21.  
International Sustainable Development Research Conference Proceedings.  
Leeds: ERP Environment, 120-124.  
Keywords: UK

Freeman, C.; and Vass, E. (2010)  
Planning, maps, and children's lives: A cautionary tale.  
Planning Theory & Practice 11 (1) 65-88.  
<http://www.informaworld.com/10.1080/14649350903538079>  
Keywords: Analyses importance of maps drawn by children. Develops criteria to analyze childrens maps. Maps aren't enough, essential to engage with children (agencies, NGO's, teachers) internet-based methodologies.

Frost, Beth (2004)  
Community mapping in New Hampshire: Who says 10-year-olds can't learn GIS?  
Orton Family Foundation web magazine, 31 May, 2004  
<http://images.google.com/imgres?imgurl=http://www.orton.org/news/archives/nhkids1.jpg&imgrefurl=http://www.orton.org/news/archives/000619.shtml&h=216&w=216&sz=50&tbnid=BiPk7snxT6YJ:&tbnh=101&tbnw=101&start=4&prev=/images%3Fq%3Dcommunity%2Bmapping%26hl%3Den%26lr%3D%26sa%3DG>  
Keywords: children using mobile GIS, community PGIS, USA, New Hampshire

Ghose, Rina (2001)  
Use of information technology for community empowerment: transforming Geographic Information Systems into community information systems.  
Transactions in GIS 5 (2) 141-163.  
Keywords: unequal benefits, some groups empowered, others disenfranchised

Ghose, Rina (2003)  
Community participation, spatial knowledge production, and GIS use in inner-city revitalization.  
J. of Urban Technology 10 (1) 39-60.  
Keywords: Community GIS, applications & impacts depend on: leadership quality, organisational capacity, 'resourcefulness in implementing technologies and spatial knowledge'; USA, Milwaukee

Ghose, Rina; and Sarah Elwood (2003)  
Public participation GIS and local political context: propositions and research directions  
URISA Journal Special Issue. 15 (2) 17-24.

Ghose, Rina; and W.E. Huxhold (2001)  
Role of local contextual factors in building Public Participation GIS: the Milwaukee experience.  
Cartography and Geographic Information Science 28 (3) 195 - 208.  
Keywords: urban planning, PPGIS, participation, USA, Milwaukee

Giger, Christine; and Manfred Loidold (2002)  
Participatory planning and joint understanding through groupware-supported virtual GIS.  
URISA Journal (Currently under peer review) version 02/28/02.  
[http://www.urisa.org/Journal/Under\\_Review/Planning\\_and\\_joint\\_understanding.htm](http://www.urisa.org/Journal/Under_Review/Planning_and_joint_understanding.htm)

Gilbert, Melissa R.; and Masucci, Michele (2006)  
The implications of including women's daily lives in a feminist GIScience.  
Transactions in GIS 10 (5) 751-761.  
Keywords: urban, USA, Philadelphia, participation, community GIS, feminist analysis, daily travel, cultural space

Gloeckner, Heike; Meki Mkanga; and Timothy Ndezi (2004)  
Local empowerment through community mapping for water and sanitation in Dar es Salaam.  
Environment and Urbanization 16 (April) 185-198.  
Keywords: Tanzania, Dar es Salaam, urban, water, sanitation

Glover, Kenny (1999)  
County engineers develop GIS-driven community rapport.  
Geo Info Systems 9 (7) 38-39.  
Keywords: USA, Mobile Co. Alabama, regional planning, institutions, Engineering dept is data warehouse for county.

Goetz, Anne Marie; and John Gaventa with others (2001)  
Governance: Bringing Citizen Voice and Client Focus into Service Delivery.

Brighton: University of Sussex, IDS Working Paper No. 138.

Gould, Peter R.; and D. Ola (1970)  
The perception of residential desirability in the Western Region of Nigeria.  
Environment & Planning 2, 73-87.  
Keywords: Western Nigeria, Lagos, urban, 4 age groups (13 – 23) children, mental maps, preference mapping, change over time,

Govinda, R. (1999)  
Reaching the Unreached through Participatory Planning: School Mapping in Lok Jumbish, India.  
Paris: International Institute for Educational Planning, AND New Delhi: National Institute of Educational Planning and Administration.  
Keywords: schools, children, P mapping, India  
Source: ref. In Chambers 2005

Green Map System (2004)  
Green Map Atlas: Map Making Stories: Volume 1.  
<http://www.greenatlas.org/>  
Keywords: Green Map system, 10 examples, USA, India Pune, Indonesia Jakarta, Japan, Canada

Grove, Morgan; and Mark Hohmann (1992)  
Social forestry and GIS. The Urban Resources Initiative involves communities in planning and decision making.  
J. of Forestry 90 (12) 10-15.  
Keywords: USA, urban, (social) forestry, GIS, (participation)

Gudes, Ori; Eliahu Stern; and Tal Svoray (2006)  
Geographical information systems on the web for public participation in planning.  
GIS-Newsletter, News and Views on the Use of GIS for Projects in Developing Countries. 11, (March 2006), 15-19.  
[GTZ, Division 45: Agriculture, Fisheries and Food, Sector Project Land Management, Rural Policy and Regional Development]  
<http://www.gtz.de/de/dokumente/GIS-NL-2006-2.pdf#page=20>  
Keywords: Israel, Tel Aviv, Shapira, neighbourhood participatory planning, web-based GIS,

Haklay, Mordechai E. (2001)

Public Environmental Information Systems: Challenges and Perspectives.  
London: University College, London, Dept. of Geography, PhD Thesis.  
Keywords: urban planning, community, participation, PPGIS, UK (London)

Haklay, Mordechai (Muki); Louise Francis; Hanif Rahemtulla; and Claire Ellul (2010)  
Mapping for change.  
GIS @Development 14 (2)  
(Neogeography & Participatory GIS: Power to people) February 2010  
<http://www.gisdevelopment.net/magazine/global/2010/February/34-Mapping-for-change.htm>  
Keywords: UK, London, urban, P. mapping, PGIS, visualisation techniques

Haklay, Mordechai E.; and Carolyn Harrison (2002)  
Public Participation GIS in the UK and the USA: a cross cultural analysis.  
Paper given at: 98<sup>th</sup> Ann. Mtg. of Assoc. of American Geographers, Los Angeles, CA., March 2002. [London: University College, London]  
Keywords: urban planning, community, participation, PPGIS, UK (London; USA.

Haklay, Mordechai E.; and Carolina Tobón (200?)  
Usability Engineering and PPGIS: towards a Learning-Improving Cycle.  
London: University College London, unpubl. Paper.  
Keywords: PPGIS, public participation, Usability Engineering, Human-Computer Interaction', technology systems assessment, user-centred design, UK, London

Haklay, Mordechai E.; and Carolina Tobón (2003)  
Usability evaluation and PPGIS: towards a user-centred design approach.  
International J. of GIS 17 (6) 577-592.  
Keywords: urban PPGIS, governance, public participation, 'human-computer interaction', technology systems assessment, 'user-friendliness' factors, UK London

Hall, Carol (1996)  
Gender and GIS.  
Varenus Program, Initiative 19 Paper.  
<http://www.geo.wvu.edu/www/i19/hall.html>

- Halseth, Greg; and Doddrige, Joanne (2000)  
Children's cognitive mapping: a potential tool for neighbourhood planning.  
Environment and Planning B: Planning and Design 27 (4) 565-582.
- Han, S.S.; and Peng, Z. (2003)  
Public participation GIS(PPGIS) for town council management in Singapore.  
Environment & Planning B-Planning & Design 30 (1) 89-111.  
Keywords: Singapore, "mock-up PPGIS" housing-estate management -Residents' Committees to access and use PPGIS.
- Hansen, H. S. (2004)  
Public Participation GIS: an important tool in environmental planning.  
pp. 11.27–11.38) IN E. Fendel, & M. Rumor (eds) Proceedings of 24th Urban Data Management Symposium.
- Harmon, Katharine (ed.) (2003)  
You Are Here.  
Princeton NJ: Princeton Architectural Press. (192p.)  
Keywords: maps, GIS, cartography, history, literature, politics, cultural, personal, power, France, USA, Los Angeles, urban.  
"Personal Geography," "At Home in the World" and "Realms of Fantasy," 50 colour & 50 b&w cartographic illustrations, incl.: Eugene Turner smiley & frowny faces on map of Los Angeles data on unemployment rates, urban stress, racial composition of neighbourhoods. Bridget Booher chronological "map" of every injustice done to her body,. Denis Wood: 2 maps of Boylan Heights.
- Harris, Trevor; and Daniel Weiner (Comps) (1996)  
GIS and Society: the Social Implications of How People, Space, and Environment are Represented in GIS.  
Scientific Rept. for Initiative 19 Specialist Meeting, South Haven, MN, March 1996. Santa Barbara, CA: NCGIA, Varenius Tech. Rept. No. 96-7. (199p.)  
[http://www.ncgia.ucsb.edu/Publications/Tech\\_Reports/96/96-7.PDF](http://www.ncgia.ucsb.edu/Publications/Tech_Reports/96/96-7.PDF)  
Keywords: important collection of papers on PPGIS, social, cultural, (ISK), political, gender, community, legal, privacy, ethics, .. issues in GIS & PGIS.
- Harris, Trevor; and Daniel Weiner (1998)  
Empowerment, marginalization, and "community-integrated" GIS.  
Cartography and GIS 25 (2) 67-76.  
Keywords: P-GIS, urban?? community, participation, unequal empowerment, cases from CSQ
- Harris, Trevor; and Daniel Weiner (2002)  
Implementing a community-integrated GIS: perspectives from South African fieldwork. pp.246-258 Chap.18 IN: Craig et al. (eds) (2002)  
Keywords: South Africa
- Harris, Trevor M.; Weiner, Daniel; Warner, Timothy A.; and Levin, Richard (1995)  
Pursuing social goals through participatory geographic information systems. Redressing South Africa's historical political ecology. Chap. 9 (pp.196-222) IN: John Pickles (ed.) Ground Truth. The Social Implications of GIS. New York, NY: Guilford.  
Keywords: South Africa
- Harrison, Carolyn; and Mordechai Haklay (2002)  
The potential of public participation GIS in UK environmental planning: appraisals by active publics.  
International J. of Environmental Planning & Management 45 (6) 841-863.  
Keywords: urban planning, community, participation, governance, PPGIS, UK (London), 'PGIS as planning tool cannot be separated from concerns about legitimacy of LG & planning process'.
- Hawthorne, Timothy; Krygier, John; and Kwan, Mei-Po (2008)  
Mapping ambivalence: Exploring the geographies of community change and rails-to-trails development using photo-based Q method and PPGIS.  
Geoforum 39, (2) 1058-1078.  
Keywords: recreation, tourism, trails (site) selection, urban, community spatial planning, Delaware, Ohio, USA, analysing NIMBY attitude, P. ground photo analysis, Q analysis, (P)GIS)
- Headrick Taylor, K. (2008)  
Examining changes in adolescent mobility and leisure time across two generations.

Paper given at 2nd International Society for Cultural and Activity Research Congress, San Diego, CA., Sept. 2008.

Source: Leander et al. (2010)

Keywords: children, mobility, travel behaviour, spatial perception, PGIS, P-GPS. GPS track data, southern USA, upper middle-class adolescents have expansive mobility range > 15 miles, diverse communities, race & income. Time-density surface (time as 3<sup>rd</sup> D.) in GIS shows adolescents don't spend time at all in these "diverse" locations, just passing through. Home range or trajectory is divided into places with high or low relevance for elective learning.

Heckman, LeRoy A.. (1998)

Methodology matters: Devising a research program for investigating PPGIS in collaborative neighborhood planning.

Varenus Initiative paper

University of Washington, Dept. of Urban Design & Planning, PhD study.

<http://www.ncgia.ucsb.edu/varenus/ppgis/papers/heckman/heckman.html>

Hoffman, Eric F. (2002)

Wireless handheld computers and neighborhood-based data collection.

Paper given at: URISA Conference on Public Participation GIS (PPGIS), New Brunswick, NJ., July 2002.

[http://www.urisa.org/PPGIS/selected\\_papers.htm](http://www.urisa.org/PPGIS/selected_papers.htm)

Keywords: community neighbourhood participation, participatory data collection, urban, PDA

Howard, D. (1999)

Geographic information technologies and community planning: Spatial empowerment and public participation.

Varenus Initiative paper. Varenus Initiative Meeting on 'Empowerment, Marginalization, & PPGIS', Santa Barbara, CA., Oct. '98.

<http://www.ncgia.ucsb.edu/varenus/ppgis/papers/howard.html>

Hoyt, Lorlene; Khosla, Renu; and Canepa, Claudia (2005)

Leaves, pebbles, and chalk: building a Public Participation GIS in New Delhi. India. *J. of Urban Technology* 12 (1) 1-19.

[http://web.mit.edu/ccanepa/www/aboutme\\_files/Hoyt-Khosla-Canepa\\_JUT.pdf](http://web.mit.edu/ccanepa/www/aboutme_files/Hoyt-Khosla-Canepa_JUT.pdf)

Keywords: India, New Delhi, participation, urban PGIS, water, health, hazards, PRA

HUD (1997)

Mapping your Community: Using Geographic Information to Strengthen Community Initiatives.

Washington DC: US Dept. of Housing & Urban Development (HUD), HUD-1092-CPD.

Keywords: USA, urban, GIS, methods, manual, (participation)

Huitema, Dave (2000)

Local government and unwanted land uses: does interactive decision making help? The siting of hazardous waste facilities in two different countries, using different decision methods.

Paper given at: Neth. Inst. of Govt. (NOB) Workshop on "Interactive Policy making", Enschede, Nov. 2000. (38p.)

Keywords: UK-Wales, Canada, regional spatial planning, location, LUP, politics, conflict, water, pollution (EIA), DSS, [not GIS]

Hull, Andrew; and Peter Molyneux (2005) Mapping our walk to school.

Paper given at: 41st Society of Cartographers Annual Summer School, Cambridge, Sept. 2005.

Abstract at:

<http://www.mdx.ac.uk/www/gem/soc2005/abstracts.htm>

Keywords: urban, UK, Liverpool, children, traffic, hazards, Neighborhood Road Safety Initiative (NRSI)

Hume C.; J. Salmon; and K. Ball (2005)

Children's perceptions of their home and neighborhood environments, and their association with objectively measured physical activity: a qualitative and quantitative study

*Health Education Research* 20 (1) 1-13.

Keywords: environmental perception, children, urban neighbourhoods, Australia, P mapping, mental maps, photos, physical activity,

International Workshop on Urban, Community, and Social Applications of Networked Sensing Systems - UrbanSense08 (2008)

Conference, Raleigh, North Carolina, Nov. 2008.

<http://sensorlab.cs.dartmouth.edu/urbansensing/program.html>.

Keywords: VGI, smartphones, urban mobility, PGIS, security, safety, monitoring,

Janelle, Donald; and David Hodge (1998) Measuring and Representing Accessibility in the Information Age.

Report of a Specialist Meeting of Varenus Project, Pacific Grove, CA., Nov. 1998. (61p.)

Jankowski, Piotr (2008)

Towards participatory geographic information systems for community-based environmental decision making.

*J. of Environmental Management*. doi:10.1016/j.jenvman.2007.08.028 (in press; available online) (6p.)

Keywords: PGIS, maps, critique of participation, ladders, NRM, urban community drinking water management, NC Idaho, USA; regional water resource management, collaborative spatial decision support, stakeholders urbanized Boise River Basin SW Idaho.

Jankowski, Piotr; and Timothy L. Nyerges (2001)

GIS-supported collaborative decision-making: results of an experiment. *Annals of Assoc. of American Geographers* 91, 48-70.

Jankowski, Piotr; Timothy L. Nyerges; A. Smith; and T.L. Moore (1997)

Spatial Group Choice: a SDSS tool for collaborative spatial decision making. *International J. of GIS* 11, 577-602.

Joerin, Florent; and Aurore Nembrini (2005) Post-experiment evaluation of the use of geographic information in a public participatory process.

*URISA Journal* 17 (1) 13-26  
<http://www.urisa.org/files/Joerinvol17no1-2.pdf>

Keywords: Switzerland, Geneva, urban community preferences, PGIS, media, access to info, indicators, values.

Kahila, Maarit; and Marketta Kytta (2006) The Use of Webbased SoftGIS Method in the Urban Planning Practices.

Amsterdam: Conference on Urban Dynamics and Soft GIS. (14p.)

[http://opus.tkk.fi/dokumentit/conf\\_ams\\_urban\\_dynamics\\_softGIS\\_2006.pdf#search=%22pgis%20urban%20traffic%22](http://opus.tkk.fi/dokumentit/conf_ams_urban_dynamics_softGIS_2006.pdf#search=%22pgis%20urban%20traffic%22)

Kahila, Maarit; and Marketta Kytta (2008) Web-based SoftGIS Method in Research and Urban Planning Practices.

IN: Bucher, Ulrike, Finka, Maros (eds) (2008) *The Electronic City. Future Urban Research in Europe*, Vol. 1. BWV Verlag, (256p.)

<http://books.google.co.uk/books?hl=en&lr=&id=JSdBCxwvFYIC&oi=fnd&pg=PA199&ots=2Au3uoQ6gn&sig=rJY5GAJ5elxJRxQR3CwZEBVeVHw#v=onepage&q=&f=false>

Kellogg, Wendy A. (1999)

From the field; observations on using GIS to develop a neighborhood environmental information system for community-based organizations.

*URISA Journal* 11 (1) 15-32

<http://urisa.org/Journal/protect/vol11no1/From%20the%20Field/11-1pages15-32.pdf>

Keywords: USA, Cleveland, inner city community GIS, environmental hazards & resources

van Kersbergen, Kees; and Frans van Waarden (2001)

*Shifts in Governance: Problems of Legitimacy and Accountability*.

The Hague: MAGW (Social Science Research Council), for: NWO (Neth. Organization for Scientific Research) Strategic Plan 2002-2005. (77p.)

Kindon, Sara (2003)

Participatory video in geographic research: a feminist practice of looking?

*Area* 35 (2) 142-

Keywords: urban, P video, gender, feminist methodology

Kindon, Sara; Rachel Pain; and Mike Kesby (eds) (2007)

*Participatory Action Research Approaches and Methods: Connecting People, Participation and Place*.

London: Taylor & Francis, Routledge. (288p.)

[http://www.taylorandfrancis.co.uk/shopping\\_cart/products/product\\_detail.asp?sku=&isbn=9780415405508&parent\\_id=&pc=shopping\\_cart/search/search.asp?search%3DKindon](http://www.taylorandfrancis.co.uk/shopping_cart/products/product_detail.asp?sku=&isbn=9780415405508&parent_id=&pc=shopping_cart/search/search.asp?search%3DKindon)

Keywords: PAR, Methods, Cases: Part 1: ethical & pragmatic contexts of PAR;

approaches to PAR; post-structuralist perspectives on PAR as a form of power; safety & well-being. Ethics; Empowerment; spatialising PAR. Part 2: critique of politics, places and practices of PAR. participatory methods incl. diagramming, cartographies, art, theatre, photo, voice, video & GIS. Part 3: effectiveness of PAR. PAR. Participatory learning. Relate action to activism. Conclusion: space(s) & scale(s) of PAR: Constructing empowering geographies? Cases: youth & cultural capital & place Aotearoa/ New Zealand; Diagramming: NE England; Participatory art: spatial vocabularies London. Participatory theatre, USA. Photovoice: Saskatchewan, Canada. Participatory video Aotearoa/New Zealand: Ngāti Hauiti; Participatory GIS: Humboldt Park Community GIS, Chicago. Participatory data analysis..

Kingston, Richard (2002)  
 The role of e-government and public participation in the planning process  
 Paper given at XVI AESOP Congress, Volos, Greece, July 2002. (14p.)  
 Keywords: UK, community participation, P ladders, P PGIS, e-government, urban planning, London, Wandsworth, landscape, Yorkshire Dales National Park

Kingston, Richard (2002)  
 Web-based PPGIS in the United Kingdom. pp. 101-112 (Chap. 8) IN: Craig; Harris; & Weiner (eds) (2002)  
 Keywords: UK

Kingston, R., Carver, S., Evans, A. and Turton, I. (1999)  
 A GIS for the public: Enhancing participation in local decision making.  
 Paper given at GISRUUK '99 conference, Southampton, April '99. (9p.)  
<http://www.ccg.leeds.ac.uk/vdmisp/publications/gisruk99.html>  
<http://geog.leeds.ac.uk/papers/99-7/>  
 Keywords: Slaithwaite PFR-NIF refers to the 'Planning for Real' ® exercise by Neighbourhood Initiatives Foundation using a 1:1000 3-D scale model of Slaithwaite village, West Yorkshire, UK.

Kingston, Richard; S. Carver; A. Evans; and I. Turton (2000)  
 Web-based public participation GIS: an aid to local environmental decision-making.

Computers, Environment & Urban Systems 24 (2) 109-125.

Keywords: UK, Slaithwaite, urban community planning, governance, participation, GIS, EIA, nuclear waste, environmental, web internet-based community PPGIS, village planning, user compatibility; Slaithwaite, PFR-NIF refers to the 'Planning for Real' ® exercise by Neighbourhood Initiatives Foundation using a 1:1000 3-D scale model of Slaithwaite village, West Yorkshire, UK.

Knapp, Connie; and the Orton Family Foundation (2003)  
Making Community Connections: the Orton Family Foundation Community Mapping Program.  
 Redlands, CA: ESRI for: The Orton Family Foundation. (194p.)  
<http://www.orton.org/programs/mapping/>  
 Keywords: community mapping, social, environmental neighbourhood mapping, USA

Korhonen, Pernilla Jacobsson, and Björn Malbert (2005)  
 Implementing participatory GIS-based methods in urban planning and decision-making: potentials and barriers in Swedish planning policy.  
 Paper given at: International Conference for Integrating Urban Knowledge & Practice Gothenburg, Sweden. May 2005 (14p.)  
 Keywords: PGIS, urban planning, Sweden

Koti, F.; and D. Weiner (2006)  
 (Re) Defining peri-urban residential space using participatory GIS in Kenya.  
Electronic Journal of Information Systems in Developing Countries (EJISDC) 25 (1)  
<http://www.ejisdc.org/ojs/viewissue.php>  
 Keywords: peri-urban, community, PGIS, Kenya, Nairobi

Kruse, Natalie; Frieda M.-T.F. Behets; Georgine Vaovola; Gillian Burkhardt; Texina Barivelo; X. Amida; and Gina Dallabetta (2003)  
 Participatory mapping of sex trade and enumeration of sex workers using capture-recapture methodology in Diego-Suarez, Madagascar.  
Sexually Transmitted Diseases: J.of the American Venereal Disease Association 30 (8) 664

- Krygier, John B. (2002)  
A *praxis* of public participation GIS and visualization.  
pp. 330-345 (Chap.25) IN: Craig; Harris; & Weiner (eds) (2002)
- Krygier, John B.; and T. Hawthorne (2003)  
Mapping linear geographies.  
Paper given at Assoc. of American Geographers, Ann. Meeting, New Orleans LA, 2003  
Source: ref. in Elwood (2006 b)
- Kumar Jimée, G. (2006)  
Seismic vulnerability and capacity assessment at ward level : a case study of ward no. 20 Lalitpur sub metropolitan city, Nepal.  
Enschede, ITC, Dept. of Earth Resources & Environmental Geoscience. (101p.)  
[http://www.itc.nl/library/papers\\_2006/msc/ereg/ga\\_nesh.pdf](http://www.itc.nl/library/papers_2006/msc/ereg/ga_nesh.pdf)  
Keywords: Nepal, Lalitpur, earthquakes, community assessments, (some P mapping), ITC
- Kumar, R. Siva (2003)  
Technology at local level –mapping the neighbourhood with school children.  
Paper given at OS Ordnance Survey, Cambridge Conference, Proc. Paper 5D.5. (8p.)  
Keywords: India- Uttaranchal Prov., CSDMS, urban community, P-mapping, PGIS by children,
- KUMINFO (2003)  
Sustainable Initiatives: Kumasi Information Database (KUMINFO), Geographic Information System (GIS). (4p.)  
<http://www.sustainableicts.org/KUMINFO%20F.pdf>  
Keywords: Ghana- Ashanti, Kumasi; peri-urban, NRM, water, (EIA), (P-access to GI, but not PGIS)  
Source: London: Gamos Ltd & Big World, for DfID (May 2004) [research@gamos.org](mailto:research@gamos.org)
- Kurtz, H.; Helga Leitner; Eric Sheppard; and R.B. McMaster (2001)  
Neighborhood environmental inventories on the internet: creating a new kind of community resource for Phillips Neighborhood.  
CURA Reporter 31 (2) 20-26.
- Keywords: USA, Minneapolis, GIS creates nbhd envir. inventory reflecting local knowledge & priorities  
Source: ref. In: Sheppard 2005
- Kwan, Mei-Po (2000)  
Gender differences in space-time constraints.  
Area 31, 145-156.  
Keywords: USA, space-time visualisations of urban women's daily activities, 2½-D GIS
- Kwan, Mei-Po (2000)  
Interactive geovisualization of activity travel patterns using 3-D GIS.  
Transportation Research, Part C. 8, 185-203.  
Source: in: Matthews, Detwiler & Burton (2005)
- Kwan, T. (1998)  
Oh, I can use a map to find my way!,  
Geographical Education, 11, pp. 29-36.  
Keywords: Hong Kong, children, map perception
- Kwan, T. (1999)  
Pre-teenage children's vernacular perception and experience of maps in Hong Kong.  
International Research in Geographical and Environmental Education 8 (1) 5-25.  
Keywords: Hong Kong, children, map perception
- Kyem, Peter A. Kwaku (2002)  
Examining the community empowerment process in Public Participation GIS applications.  
Paper given at: URISA Conference on Public Participation GIS (PPGIS), New Brunswick, NJ., July 2002.  
[http://www.urisa.org/PPGIS/selected\\_papers.htm](http://www.urisa.org/PPGIS/selected_papers.htm)  
Keywords: community participation, empowerment meanings & constraints, (urban egs.)
- Kytta, Marketta (2007)  
Children's participation.  
Helsinki: Helsinki University of Technology, Centre for urban and regional studies  
Keywords: Finland, Helsinki?, GIS children, quality of living environment. "Children identify own neighbourhood, own houses schools, indicate how spend free time, consider safe or dangerous places, how

make use of & perceive their environment.”  
<http://childrensparticipation.blogspot.com/2007/10/geographical-information-systems-use-in.html>  
[marketta.kytta@tkk.fi](mailto:marketta.kytta@tkk.fi)

Kytta, Marketta, Kaaja, M.; and Horelli, L. (2004)  
 An internet-based design game as a mediator of children's environmental visions.  
Environment and Behavior 36 (1) 127-151.  
<http://eab.sagepub.com/cgi/content/abstract/36/1/127> Keywords: Finland, Helsinki??, GIS children, quality of living environment, internet map application – “planning game for children”  
 SITE RELATED  
<http://kaupunginosat.net/seikkailu/peli.html>

Lary, Heidi; Maman Suzanne; Katebalila, Malilo; and Mbwambo, Jessie (2004)  
 Exploring the association between HIV and violence: young people's experiences with infidelity, violence and forced sex in Dar es Salaam, Tanzania.  
International Family Planning Perspectives 30 (4) 200-206.  
 Keywords: Tanzania, Dar es Salaam, youth, health, HIV, women, p mapping of youth meeting areas

Leander, Kevin M., Phillips, Nathan C., Taylor, Katherine Headrick (2010)  
 The changing social spaces of learning: mapping new mobilities.  
Review of Research in Education 34, 329-394.  
 Keywords: children, urban rural mobility, travel behaviour, spatial perception, (PGIS)

Lee Lik Meng; and Tan, T.S. (2002)  
 GIS for plan-making in Penang Island: the road to online planning.  
OnlinePlanning Journal 21/02/02. (27p.)  
<http://www.onlineplanning.org>  
 Keywords: Malaysia- Penang, urban planning, cadastre, GIS, institutions, training, implementation problems

Leitner, Helga; Sarah Elwood; Eric Sheppard; Susanna McMaster; and Robert McMaster (2000)  
 Modes of GIS provision and their appropriateness for neighborhood organizations - examples.  
URISA Journal 12 (4) 43-56.

Leitner, Helga; Robert B. McMaster; Sarah Elwood; Susanna McMaster; and Eric Sheppard (2002)  
 Models for making GIS available to community organizations: dimensions of difference and appropriateness.  
 pp. 37-51 (Chap.3) IN: Craig; Harris; & Weiner (eds) (2002)

Lemma, Tsion; Sliuzas, Richard; and Kuffer, Monika (2006)  
 A participatory approach to monitoring slum conditions: an example from Ethiopia.  
Participatory Learning and Action 54: 58-66.  
 Keywords: Ethiopia, Addis, urban slums, poverty, participatory RS image interpretation,

Liebermann, Susan; and Justine Coulson (2004)  
 Participatory mapping for crime prevention in South Africa – local solutions to local problems.  
Environment and Urbanization 16 (Oct.) 125-134  
 Keywords: South Africa, crime, security, P mapping

Lilley, K. (2000)  
 Landscape mapping and symbolic form: drawing as a creative medium in cultural geography.  
 pp. 231-245 IN: L. Cook; D. Couch; S. Naylor; and J. Ryan (eds) (2000)  
Cultural Turns / Geographical Turns.  
 London: Longman  
 Keywords: urban, historical, UK, maps, mapping landscapes.

LISC (2002)  
Mapping for Change: Using Geographic Information Systems for Community Development.  
 The Local Initiatives Support Corporation (26p.)  
 online at the LISC Online Resource Library:  
[www.liscnet.org/resources](http://www.liscnet.org/resources)  
<http://www.lisc.org/content/publications/detail/835/>  
 Keywords: USA, urban community GIS, neighbourhood planning, Minneapolis Neighborhood Information Systems, Richmond. VA

Liverman, Diana; Emilio F. Moran; Ronald R. Rindfuss; and Paul C. Stern (eds) (1998)  
People and Pixels. Linking Remote Sensing and Social Science.  
 Washington DC: National Academy Press (244p.)  
 Keywords: RS, GIS, social, economic, demographic, forestry, agriculture, urban, landuse planning, climate, food, early warning, Brasil, Amazonia, US, Thailand, Guatemala,

Lydon, Maeve (1999)  
 Mapping: The Recovery of Natural Knowledge and the Creation of Sustainable Communities.  
 Victoria, BC: University of Victoria, Eco-Research Chair, Research Paper.  
 Keywords: Canada, BC, community mapping, local knowledge

Lydon, Meave (2000)  
 Mapping and eco-activism - Re-discovering our common ground  
Alternatives Journal (Fall 2000)  
<http://www3.telus.net/cground/lydon%20article.htm>  
 Keywords: Canada, First Nations, culture, history, urban & rural community mapping, NR & NRM, Green Maps, Common Ground Mapping Project

Lydon, Maeve Frances (2002)  
 (Re)presenting the Living Landscape: Exploring Community Mapping as a Tool for Transformative Learning and Planning.  
 Victoria, BC: University of Victoria, School of Environmental Studies, Faculty of Law, M.A. Thesis.  
<https://dspace.library.uvic.ca:8443/dspace/handle/1828/15?mode=simple>  
 Keywords: Canada, BC, community mapping, local knowledge, Victoria, urban planning

Lynch, Kevin (1960)  
The Image of a City.  
 Cambridge, MA: MIT  
 Keywords: visualisation; urban; spatial perception, cognition, USA, Boston

Lynch, Kevin (1972)  
What Time is This Place?  
 Cambridge, MA: MIT Press

Keywords: visualisation; urban; spatial perception, cognition, USA, Boston

Lynch, Kevin (1977)  
Growing up in Cities  
 Cambridge, MA: MIT U.P.  
 Keywords: visualisation; urban planning; children, spatial perception, cognition, USA

Lynch, Kevin; and Gary Hack (1984)  
Site Planning.  
 Cambridge, MA: MIT U.P. (3<sup>rd</sup> ed.)  
 Keywords: visualisation; urban planning; spatial perception, incl. sound & noise

Lynn, Helen; Diana Ward; Cathy Nugent; Laura Potts; Liz Skan; and Nicola Conway (n.d.)  
 Putting Breast Cancer on the Map.  
 London: Women's Environment Network  
[www.gn.apc.org/wen](http://www.gn.apc.org/wen)  
 Keywords: health, women, P mapping, UK, London

Maantay, Juliana (2002)  
 Health, law, and everyday life - zoning law, health, and environmental justice: what's the connection?  
J. of Law, Medicine & Ethics 30 (4) 572-593.  
 Envir. Justice & health implications of zoning laws & practices in NY ind. zones. LU regulatory & partic. methods evaluated for achieve Envir. Justice. Finds disprop. envir. burden on poorer pop & communities of color, based on locations of ind. zones & pattern of zoning changes over time.

Maantay, Juliana (2007)  
 Asthma and air pollution in the Bronx: Methodological and data considerations in using GIS for environmental justice and health research  
Health & Place 13, 32-56.  
 Keywords: USA, NY; health, environmental justice

Mackett, RL, Gong, Y, Kitazawa, K, & Paskins, J. (2007)  
 Children's local travel behavior: How the environment influences, controls and facilitates it.  
 Paper given at 11th World Conference on Transport Research, 2007. Berkeley, CA: University of California.  
 Source: Leander et al. (2010)

Keywords: children, UK, urban mobility, travel behaviour, PGIS, P-GPS. Just having adult present changes nature of child's mobility. "[children] tend to walk faster, more energetically and straighter when with an adult. Without an adult they tend to "potter about" in a much more exploratory way. Whilst speed has its benefits, there is a need for children to explore the environment at their own pace, gaining experience and learning about the world." (p. 15) Boys especially seem to be fond of meandering around open spaces they might encounter on journey between home & school.

Maisonneuve, Nicoals; Matthias Stevens, Maria E. Niessen, Peter Hanappe and Luc Steels (2009)  
Citizen Noise Pollution Monitoring. Proceedings, 10th Annual International Conference on Digital Government Research (dg.o2009), Puebla, Mexico, May 2009.  
Keywords: noise pollution, mobile phones, crowd sourcing, VGI, urban, human sensors

Maisonneuve, Nicolas; Matthias Stevens, Maria E. Niessen, and Luc Steels (2009)  
NoiseTube: Measuring and mapping noise pollution with mobile phones. Proceedings 4th International Symposium on Information Technologies in Environmental Engineering (ITEE 2009), Thessaloniki, Greece. May 2009.  
Keywords: noise pollution, mobile phones, crowd sourcing, VGI, urban, human sensors

Mans, Gerbrand G. (2006)  
Using PGIS to conduct community safety audits.  
Electronic Journal of Information Systems in Developing Countries (EJISDC) 25 (7) 1-13  
<http://www.ejisdc.org/ojs/viewissue.php>  
Keywords: South Africa, Cape Province, crime, security, urban community, safety, P-mapping, community, social hazards, PGIS

Marschiavelli, Mone Iye Cornelia (2008)  
Vulnerability Assessment and Coping Mechanism related to Floods in Urban Areas: A Community-Based case study in Kampung Melayu, Indonesia.  
Yogyakarta and Enschede: Gadjah Mada University and ITC, Joint MSc Programme, MSc Thesis. (95p.)

Keywords: Indonesia, Jakarta, urban, community mapping, CRA, flood hazard, coping strategies, vulnerability, ITC

Martin, M.; J. Myers; and R. Ghose (1995)  
GIS and neighborhood planning: a model for revitalizing communities.  
Urban and Regional Information Systems Association (URISA) J. 7 (2) 63-67.

Massey, Doreen (1994)  
Space, Place and Gender.  
Minneapolis, MN: University of Minnesota, U.P.

Matei, Sorin; Sandra J. Ball-Rokeach; and Jack Linchuan Qiu (2001)  
Fear and misperception of Los Angeles urban space. A spatial-statistical study of communication-shaped mental maps.  
Communication Research 28 (4) 429-463.  
<http://www.mentalmaps.info/>  
Keywords: USA, Los Angeles, urban, mental maps, GIS software, urban design, cultural, social, fear maps

Matthews. M.H. (1987)  
Gender, home range and environmental cognition.  
Transactions, Institute of British Geographers 12, 43-56.  
Keywords: UK, urban children, gender, boys' & girls' home spaces, mobility

Matthews, Stephen A.; Detwiler, James E.; and Burton, Linda M. (2005)  
Geo-ethnography: coupling geographic information analysis techniques with ethnographic methods in urban research.,  
Cartographica 40 (4) 75-90.  
Keywords: urban neighbourhoods, USA, social, children, disability, ethnicity, space-time mapping, Geo-ethnography: 'embedded developmental study'

McCall, Michael K. (2003)  
Seeking good governance in participatory-GIS: a review of processes and governance dimensions in applying GIS to participatory spatial planning.  
Habitat International 27, 549-573.  
Keywords: review, urban P-GIS, governance

McClure, Wendy; Abby Byrne; and Fred Hurand (1997)

Visualization techniques for citizen participation.  
 In: Wendy McClure (ed.) (1997) The Rural Town: Designing for Growth and Sustainability.  
 Moscow, ID: University of Idaho, Center for Business Development and Research.  
 Keywords: visualisation tools, urban community participatory planning, USA.

McDowell, Linda (1993)  
 Space, place and gender relations: Part II. Identity, difference, feminist geometries, and geographies.  
Progress in Human Geography 17. 305-318  
 Source: ref. in Gilbert & Masucci 2006

McHugh, Rosemarie, Stéphane Roche, and Yvan Bédard (2008)  
 Towards a SOLAP-based public participation GIS.  
J. of Environmental Management 90 (6) 2041-2054  
[http://www.sciencedirect.com/science?\\_ob=ArticleURL&\\_udi=B6WJ7-4SSGCPW-1&\\_user=945819&\\_rdoc=1&\\_fmt=&\\_orig=search&\\_sort=d&\\_docanchor=&view=c&\\_rerunOrigin=scholar.google&\\_acct=C000048981&\\_version=1&\\_urlVersion=0&\\_userid=945819&md5=9dc8b9645b035ea9fe77a229cf804b81](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6WJ7-4SSGCPW-1&_user=945819&_rdoc=1&_fmt=&_orig=search&_sort=d&_docanchor=&view=c&_rerunOrigin=scholar.google&_acct=C000048981&_version=1&_urlVersion=0&_userid=945819&md5=9dc8b9645b035ea9fe77a229cf804b81)

McIntyre, Alice (2003)  
 Through the eyes of women: photovoice and participatory research as tools for reimagining place.  
Gender, Place and Culture 10 (1) 47-66.  
 Keywords: UK, Northern Ireland, Belfast, women, urban spaces & places, identity, culture, PAR methods 'photo-text exhibit'

McKeever, P.; and Ruddick, S. (2008)  
 Children with physical disabilities map neighbourhood accessibility: methodological approaches.  
 Paper presented at "What are Subversive Cartographies?" (Chris Perkins & Jörn Seemann), Association of American Geographers Meeting, Boston, April 2008.  
<http://makingmaps.wordpress.com/2008/01/03/subversive-cartographies/>  
 Keywords: childrens mapping, health, disabilities, mobility, Canada, P mapping, urban neighbourhoods, Google 'walk score'  
 Abstract: Mapping Canadian children physical disabilities mobility impairments. accessibility of neighbourhoods for

physically disabled school-aged children and how they navigate, experience and evaluate these environments. Case studies 16 children urban, suburban, rural and remote Northern regions. Mapping qualitative methods are engaging, non-threatening, and reduce adult-child power differential. Large colourful laminated maps depicting children's neighbourhood custom made for each child at child-friendly scale include parks, community centres, schools and main streets. Child & RA mark child-relevant places with stickers, trace daily routes & local geographies. Semi-structured, open-ended script, prompts child to communicate built environments identify (dis)advantages of mobility device. Mark & describe accessibility of physicians and dentists, a park/playground, restaurant, cinema, library, place worship, comm. centre, shopping. RA will calculate "neighbourhood walkability" score using Walk Score, Google Maps (<http://www.walkscore.com/>).

McLafferty, Sara L. (2002)  
 Mapping women's worlds: knowledge, power and the bounds of GIS.  
Gender, Place and Culture 9 (3) 263 - 269

McLafferty, Sara L. (2003)  
 GIS and health care.  
Annual Review of Public Health 24, 25-42.  
 Keywords: review of GIS and health, PGIS?, participatory, (North America), health care need, access, utilization; evaluating service locations; SDSS

McRae, Jane (1998)  
 Community mapping: creating a sense of place.  
Green Teacher 55 (Spring/Summer) 27-39.  
 Keywords: urban, community mapping, training, North America

Milovanovic, D. (2003)  
 Interactive planning – use of the ICT as a support for public participation in planning urban development: Serbia and Montenegro cases,  
 Paper given at 39<sup>th</sup> ISoCaRP Congress.  
<http://www.kas.de/upload/dokumente/megacities/Interactiveplannin.pdf>

Minkler, Meredith (2000)

Using Participatory Action Research to build healthy communities.

Public Health Reports 115 (2/3) 191-198.  
<http://www.pubmedcentral.nih.gov/picrender.fcgi?artid=1308710&blobtype=pdf>

Keywords: health, neighbourhood resource mapping, "Healthy Communities", USA, California, North Carolina

Mogel, Lize (2008)

Radical cartography: artists making activist maps.

Paper presented at "What are Subversive Cartographies?" (Chris Perkins & Jörn Seemann), Association of American Geographers Meeting, Boston, April 2008.  
<http://makingmaps.wordpress.com/2008/01/03/subversive-cartographies/>

Keywords: art, maps, cultural, social, political, prison, urban, radical cartography, USA; New York,

Abstract: Radical cartography is a practice that uses maps and mapping to promote social change, and is part of a cultural movement that cuts across boundaries of art, geography, and activism. Maps of cartographic work by artists, architects, and collectives who create maps to raise awareness of social justice issues. These maps are both artworks and part of a larger activist research and practice. Maps, as inherently political documents, are an ideal form to visualize the social ramifications of spatial practices. Artists play with cartographic conventions including geographic shapes, wayfinding symbols, and aerial views in order to delve into issues. Projects discussed include Ashley Hunt's intricate diagram of the social effects of the global prison-industrial complex; the Center for Urban Pedagogy's mapping of stakeholders who make and manage the "garbage machine" in New York City; While mapping in art practice has expanded into technological and performative realms, the focus here is on a traditional aspect of the map as a work-on-paper. This underscores artists' use of the "lo-tech," paper map as an accessible, aesthetic, and informational form that can be used for public address.

Montoya, Lorena (2003)

Geo-data acquisition through mobile GIS and digital video: an urban disaster management perspective.

Environmental Modelling & Software 18 (10) 869-876.

Keywords: urban, disasters, earthquakes, video, Costa Rica

Muñoz, Gabriela (2007)

Folklore meets GIS for risk reduction in Venezuela.

Geneva: IFRC, ProVention, Risk RED, Applied Research Grants Programme (2p.)  
[http://www.proventionconsortium.org/themes/default/pdfs/AG/Grants03-07\\_2papers.pdf](http://www.proventionconsortium.org/themes/default/pdfs/AG/Grants03-07_2papers.pdf)  
 [find on pp.83-84]

Keywords: Venezuela, Naiquata, ISK of urban hazards, risks, elderly & children, GIS

Nembrini, A.; S. Billeau; G. Desthieux; and F. Joerin (2005)

GIS and participatory diagnosis in urban planning: A case study in Geneva. pp. 451-465 In: M. Campagna (ed.) (2005). GIS for Sustainable Development. London: Taylor & Francis.

Keywords: Switzerland, Geneva, PGIS, urban planning

Source: ref. In Joerin & Nembrini (2005)

Nyerges, Timothy (2005)

Scaling-up as a grand challenge for Public Participation GIS.

Directions Magazine 20<sup>th</sup> Sept. 2005  
[http://www.directionsmag.com/article.php?article\\_id=1965](http://www.directionsmag.com/article.php?article_id=1965)

Keywords: urban, USA, participatory decision-making, participatory, policy support

Nyerges, T.; M. Barndt; and K. Brooks (1997)

Public Participation Geographic Information Systems.

Auto-Carto 13, Proc. of American Congress on Surveying and Mapping, Bethesda, MD, pp.224-233

Obermeyer, Nancy J. (1994)

Spatial conflicts in the information age.

Urban & Regional Information Association (URISA) pp.269-282.

Keywords: planning, GIS, politics, conflicts, spatial cognition, social, USA, {cognitive-factual conflict vs. interest-value conflict}

Office of Learning Technologies (2003)

Community Learning Asset Mapping: A Guidebook For Community Learning Networks.

Ottawa: Govt. of Canada, Human Resources Development. (30p.)  
<http://www.hrsdc.gc.ca/en/hip/ild/oit/Resources/tookit/mapping-guidebook.pdf>

Keywords: Canada, community mapping & GIS, participatory neighbourhood planning

Osborne, Paul. (2005)

Safe routes for children: what they want and what works.

Children, Youth and Environments 15 (1) 234-239.

[http://www.colorado.edu/journals/cye/15\\_1/f1\\_SafeRoutes.pdf](http://www.colorado.edu/journals/cye/15_1/f1_SafeRoutes.pdf)

Keywords: children, road safety, urban transport, Denmark, UK, USA, Sustrans, journey to school, walking, cycling, (not GIS), (child health, obesity)

Padgett, David A. (1993)

Public participation and Geographical Information Systems in siting decisions for locally unacceptable land uses (LULUs).  
URISA Proceedings 2, 38-50.

Keywords: USA?, urban?, hazards,

Pain, R. (2003)

Social geography: on action-oriented research.

Progress in Human Geography 27, 649-657.

Pain, R.; MacFarlane, R.; Turner, K.; and Gill, S. (2006)

When, where, if and but: residents qualify the effect of streetlighting on crime and fear in their neighbourhoods.

Environment & Planning A. 38

Keywords: urban safety, security, crime  
 Source: ref. in Elwood (2006 b)

Parker, Cheryl; and Amelita Pascal (2002)

A voice that could not be ignored: community GIS and gentrification battles in San Francisco.

pp. 55-64 (Chap.4) IN: Craig; Harris; & Weiner (eds) (2002)

USA, urban, San Francisco

Paul, William George (2002?)

Jackson Ward Electronic Community project. Politics, participation and the internet, Richmond VA.

Online Planning Journal 41. (7p.)

<http://www.casa.ucl.ac.uk/planning/articles41/jacksonward.htm>

Keywords: Citizen participation in community land use etc. planning. Neighbourhood image & database libraries. Combines internet with meetings, face-to-face, etc. USA-Virginia; Richmond

Pavlovskaya, M. (2002)

Mapping urban change and changing GIS: other views of economic restructuring.

Gender, Place and Culture 9, 261-269.

Keywords: urban, gender

Peacock, Anthea; Douman, Robert; and de Voux, Lucien (2001?)

The Applicability of Wireless Communication in CyberTracker.

Cape Town: University of Cape Town (12p.)

[http://pubs.cs.uct.ac.za/archive/00000365/01/CyberTracker\\_technical\\_paper.pdf](http://pubs.cs.uct.ac.za/archive/00000365/01/CyberTracker_technical_paper.pdf)

Keywords: CyberTracker, not PGIS, wildlife monitoring, urban traffic parking, Kruger NP, Cape Town, South Africa,

Penn, Briony (1998)

Mapping the last blank space.

Orion (Winter 97/98), 20-24.

Keywords: North America

Perkins, Chris; and Anna Z. Thomson (2005)

Designs on community mapping: (re)cycling and walking.

Paper given at: 41st Society of Cartographers Annual Summer School, Cambridge, Sept. 2005.

Abstract at:

<http://www.mdx.ac.uk/www/gem/soc2005/abstracts.htm>

Keywords: community mapping of cycling & walking routes in Manchester, UK, urban, participatory mapping, PGIS, participatory cartography.

Perkins, Chris; and Anna Z. Thomson (2005)

Mapping for health: cycling and walking maps of the city.

North West Geography 5 (1) 16-23

<http://www.mangeogsoc.org.uk/pdfs/perkins2.pdf>

Keywords: community mapping of cycling routes in Manchester, UK, urban, participatory mapping, PGIS, participatory cartography.

- Peters Guarin, Graciela (2003)  
Flood Risk Assessment for the Town of San Sebastian in Guatemala.  
Enschede: ITC, Dept. of Earth Resources & Environmental Geosciences. MSc Thesis (113p.)  
[http://www.itc.nl/library/Papers\\_2003/msc/ereg/peters\\_guarin.pdf](http://www.itc.nl/library/Papers_2003/msc/ereg/peters_guarin.pdf)  
Keywords: Guatemala, San Sebastian; P mapping, risks, hazards, floods, urban, Sierra Madre mountains, Samala river basin, ITC
- Peters Guarin, Graciela (2008)  
Integrating Local Knowledge into GIS-based Flood Risk Assessment. The Case of Triangulo and Mabolo communities in Naga City – The Philippines.  
Enschede and Wageningen: ITC and WUR, PhD Thesis. (c.350p.)  
Keywords: CRA, PRA, Pmapping, PGIS, urban planning, participatory community hazard, vulnerability, coping risk mapping, LSK, Philippines, Bicol, Naga City, merging RS, GIS with PSP,
- Peters Guarin, Graciela; van Westen, Cees J.; and Montoya, A. Lorena (2005)  
Community-based flood risk assessment using GIS for the town of San Sebastian, Guatemala.  
J. of Human Security and Development 1, pp.29-49.  
[http://www.itc.nl/library/Papers\\_2005/p\\_jrnl/vanwesten\\_com.pdf](http://www.itc.nl/library/Papers_2005/p_jrnl/vanwesten_com.pdf)  
Keywords: Guatemala, San Sebastian; P mapping, risks, hazards, floods, urban, Sierra Madre mountains, Samala river basin, ITC
- Pickles, John (ed.) (1995)  
Ground Truth. The Social Implications of GIS.  
New York, NY: Guilford.
- Pickles, John (1995)  
Representations in an electronic age: geography, GIS, and democracy.  
pp. 1-30 (Chap.1.) IN: J. Pickles (ed.) (1995)
- Plester, Beverly; Mark Blades; and Christopher Spencer (2006)  
Children's Understanding of Environmental Representations: Aerial Photographs and Model Towns.  
pp. 42-56 IN: Spencer, Christopher; and Mark Blades (eds) Children and Their Environments: Learning, Using and Designing Spaces.  
New York, NY: Cambridge UP.
- Plester, Beverly; Jenna Richards; Mark Blades' and Christopher Spencer (2002)  
Young Children's Ability to Use Aerial Photographs as Maps.  
Journal of Environmental Psychology 2, 29-47
- Prosperi, D. C. (2004)  
PPGIS: separating the concepts and finding the nexuses.  
pp. 11.1–11.12 IN: E. Fendel, & M. Rumor (eds) Proceedings of 24th Urban Data Management Symposium.
- Ramasubramanian, Laxmi (1995)  
Building communities: GIS and participatory decision-making.  
J. of Urban Technology 3 (1) 67-79.
- Ramasubramanian, Laxmi (2010)  
Geographic Information Science and Public Participation.  
Berlin, Heidelberg: Springer, Advances in Geographic Information Science (200p.) ISBN 3540754008, 9783540754008  
Keywords: Ladders, USA, Illinois, urban community participation, PGIS, Contents: Digital Revolution. Ch.3 Dilemmas Contemporary Planning pp.34ff. State of Practice, Politics & Participation in Boston 's South End, Community Character Oak Park IL. Chicagolands Search for Common Ground; PPGIS as Critical Reflective Practice
- Rantanen, H.; and M. Kahila (2009)  
The SoftGIS approach to local knowledge.  
J. of Environmental Management 90 (6) 1981-1990.  
Keywords: Finland, Järvenpää, Espoo, SoftGIS; GIS, Urban planning; Participation; Local knowledge; LSK, environmental quality, quality of life, 'commentray maps'
- Reddy, Sasank; Katie Shilton; Jeff Burke; Deborah Estrin; Mark Hansen; and Mani Srivastava (2008)  
Evaluating Participation and Performance in Participatory Sensing.

Paper given at International Workshop on Urban, Community, and Social Applications of Networked Sensing Systems - UrbanSense08 Raleigh, North Carolina, Nov. 2008.

[http://sensorlab.cs.dartmouth.edu/urbansensing/papers/reddy\\_urbansense08.pdf](http://sensorlab.cs.dartmouth.edu/urbansensing/papers/reddy_urbansense08.pdf)

Keywords: (USA), evaluation, participatory urban planning, VGI, urban planning, community PGIS, monitoring,

Repetti, Alexandre; and R. Prelaz-Droux (2002)

An urban monitor as support for a participatory management of developing cities.

Paper given at GISDECO Conference 'Governance and the Use of GIS in Developing Countries', Enschede, May '02. Proc. 31.1 - 31.12.

Keywords: Senegal, urban planning, online interactive?, "urban monitor" maps. low levels of tech. partic.

Rissotto, A.; and F. Tonucci (2002)

Freedom of movement and environmental knowledge in elementary school children. *J. of Environmental Psychology* 22 (1-2) 65-77.

Abstract: purpose of evaluating the effects of the limitations imposed on children's autonomy on their acquisition of environmental knowledge. representation of the home-school itinerary was investigated in 8-11 year old children who travelled in different ways (on their own, accompanied by an adult, on foot or by car). Incl. sketch map of the route and drawing the route on a blank map of the neighbourhood. To investigate role of autonomy in development of understanding of the environment in which they live, children used landmarks to find their way around a blank map of the quarter and to mark position of significant components of their environment. The children's freedom of movement in the quarter was investigated by indirect observation. analysis as a function of the children's method of mobility, age and gender. The results confirm the importance of the type of individual--environment interaction, freedom of movement, in acquiring, processing and structuring environmental knowledge. Children going to school on their own achieved best performances in making a sketch map of the

itinerary and drawing their movements on a blank map.

Rixon, Andrew J.; and Stewart Burn (2008) *Visualisation Techniques For Facilitating Stakeholder Decision Making In Urban Planning.*

*J. of Community Informatics* 4 (2) Special Issue: E-Governance and Community Informatics.

<http://www.ci-journal.net/index.php/ciej/article/viewArticle/264>

Rodriguez-Bachiller, Agustin (2004) *Expert Systems and Geographic Information Systems for Impact Assessment.*

London: Taylor & Francis (408p.)

Keywords: GIS, EIA, SEA, expert systems, methods, air, noise, landscape, water, traffic, ecosystems, 'limits of GIS for EIA'

Rose, G. (1993)

*Feminism and Geography: the Limits of Geographical Knowledge.*

Minneapolis, MN: University of Minnesota U.P.

Keywords: feminist critiques 'knowledge & science', (urban), social, cultural, 'nature-culture' 'same-other', private-public; landscape, space-time paths.

Samad, Dazilah A. (2009)

*Cultures of Legibility' as a Complementary Approach to Site Planning for Southeast Asian Cities: A Case Study of Kuala Lumpur.*

IN: Manfred Schrenk; Vasily V. Popovich; Dirk Engelke; and Pietro Elisei (eds) (2009) REAL CORP 2009 Proceedings, Sitges, April 2009.

[http://programm.corp.at/cdrom2009/papers2009/CORP2009\\_101.pdf](http://programm.corp.at/cdrom2009/papers2009/CORP2009_101.pdf)

Keywords: Malaysia, Kuala Lumpur, urban planning, site planning, cultural, P mapping

Sawicki, David S.; and Patrick Burke (2002) *The Atlanta project: reflections on PPGIS practice.*

pp. 89-100 (Chap.7) IN: Craig; Harris; & Weiner (eds) (2002)

Keywords: USA; Atlanta

Sawicki, David S.; and David Randall Peterman (2002)

*Surveying the extent of PPGIS practice in the United States.*

pp. 17-36 (Chap.2) IN: Craig; Harris; & Weiner (eds) (2002)  
Keywords: USA

Schachtel, Marsha R.B (2001)  
CitiStat and the Baltimore Neighborhood Indicators Alliance: Using Information to Improve communication and community. National Civic Review 90 (3) 253-266.  
Keywords: USA, Baltimore, e-governance. Admin. data + detailed GIS, Baltimore improves service delivery effic. across govt depts. Nbhd-focused Alliance uses info technol to support residents' strengthening community.

Schafer, R. Murray (1980)  
The Tuning of the World: towards a Theory of Soundscape Design.  
Philadelphia, PA: Univ. of Pennsylvania UP.  
Keywords: USA, urban, mental maps, soundscapes, "quiet groves", visualisation

Schlossberg Marc (1998).  
Asset Mapping and Community Development Planning with GIS: A Look at the Heart of West Michigan United Way's Innovative Approach.  
Paper given at the Association for Research on Nonprofit Organizations & Voluntary Action (ARNOVA) Annual Conference, Seattle, WA  
[www.uoregon.edu/schlossb/pppm/gis/arnova7b.html](http://www.uoregon.edu/schlossb/pppm/gis/arnova7b.html)  
Keywords: USA, Michigan, GIS, social, asset mapping, community mapping,

Schlossberg, Marc (c. 2008)  
Active Transportation, Neighborhood Planning and Participatory GIS.  
Eugene, OR: University of Oregon, School of Architecture and Allied Arts; and: National Center for Biking & Walking, USA  
Keywords: USA, Eugene OR et al., OTREC, walkability audit tool for Safe Routes to School; walkability PDA and GIS audit tools, Complete Streets, walking environments around transit stops.  
<http://rip.trb.org/browse/dproject.asp?n=13183>

Schlossberg, Marc; and Elliot Shuford (2003) Delineating "public" and "participation" in PPGIS.  
Proceedings of the 2nd Ann. Public Participation GIS Conference. Portland, Oregon, July 2003. CD-ROM.

Schlossberg, Marc; and Elliot Shuford (2005)  
Delineating "public" and "participation" in PPGIS.  
URISA Journal 16 (2) 15-26.

Schroeder, P. (1997)  
GIS in public participation settings.  
<http://www.spatial.maine.edu/ucgis/testproc/schroeder/UCGISDFT.htm>

Schulte, Kurt J. (1999)  
Utilizing GIS to facilitate public participation in access management issues: a case study.  
Paper given at APA National Planning Conference, Seattle, 1999.  
<http://www.asu.edu/caed/proceedings99/SCHULTE/SCHULTE.HTM>  
Keywords: USA, Florida, transport access planning, GIS, (participation=needs assessment + (passive) response to alternatives)

Schuurman, Nadine; and Geraldine Pratt (2002)  
Care of the subject: feminism and critiques of GIS.  
Gender, Place, and Culture 9 (3) 291-299.  
Keywords: gender, social critique of GIS

Shadrach, B. (2001)  
Strengthening poor people's knowledge and information systems in developing countries. E-conference on the knowledge and information systems of the urban poor: a summary report. [Loughborough University of Technology, Dept. of Information Science]  
<http://nt1.ids.ac.uk/cgi-bin2/dbtcgi.exe>  
Contents: local participation, resources, ICT, information, women

Shiffer, M.J. (1993)  
Augmenting geographic information with collaborative multimedia technologies.  
Paper given at: Auto-Carto 11, Minneapolis, MN, Oct. 1993.  
Keywords: (urban planning), visualisation, multimedia  
Source: ref. in MacEachren (200?)

Shiffer, M.J. (1994)  
A geographically-based multimedia approach to city planning.

pp.265-266 IN: Plaisant, C. (ed.) (1994) Human Factors in Computing Systems. New York, NY: Association for Computing Machinery.  
Keywords: multimedia, urban planning, participation, USA

Shiffer, M.J. (1995)  
Environmental review with hypermedia systems.  
Environment and Planning B: Planning and Design 22, pp.359-372.  
Keywords: multimedia, urban planning, participation, USA

Shiffer, M.J. (1995)  
Geographic interaction in the city planning context.  
pp.77-90 IN: Nyerges et al. (ed.) (1995) Cognitive Aspects of Human-Computer Interaction for Geographic Information Systems. New York, NY: Springer.  
Keywords: multimedia, urban planning, participation, USA

Shiffer, M.J. (1995)  
Interactive multimedia planning support: moving from stand alone systems to the World Wide Web.  
Environment & Planning B. Planning & Design 22, 649-664.  
Keywords: USA, Washington DC, (urban), visualisation, multimedia; includes noise (of airports)  
<http://scholar.google.com/scholar?hl=en&lr=&q=cache:utcZP9XHGRkJ:gis.mit.edu/people/mshiffer/shiffer3.pdf+m.shiffer>

Shiffer, M.J. (1995)  
Multimedia in der Stadtplanung.  
Garten & Landschaft 11/1995, pp.18-22.

Shiffer, M.J. (1995)  
Multimedia representational aids in urban planning support systems.  
pp.295-310 IN: Marchese, F. (ed.) (1995) Understanding Images. Dordrecht: Kluwer.  
Keywords: multimedia, urban planning, participation, USA

Shiffer, M.J. (1998)  
The evolution of public participation GIS.  
Cartography and GIS 25 (2) 89-94.  
Keywords; PPGIS, urban planning.

Shiffer, M.J. (1998)

Multimedia GIS for planning support and public discourse.  
Cartography & GIS 25 (2) 89-94.  
Keywords: USA, multimedia, participatory spatial planning

Shiffer, M. J. (1999)  
Managing public discourse: towards the augmentation of GIS with multimedia.  
pp. 723-732 IN: Longley, P.; Goodchild, Michael F.; Maguire, D. J.; and Rhind, D. (eds) (1999) Geographical Information Systems. New York, NY: John Wiley & Sons.  
Keywords: multimedia, urban planning, participation, USA

Shiffer, M.J. (2001)  
Spatial multimedia for planning support.  
IN: Brail & Klosterman (eds.) Planning Support Systems: Integrating Geographic Information Systems, Models and Visualization Tools. Redlands, CA: ESRI Press; and: New Brunswick, NJ: CUPR Press.  
Keywords: multimedia, urban planning, USA

Shiffer, M.J. (2002)  
Community participation with multimedia.  
Craig et.al. (eds.) (2002) Community Participation and Geographic Information Systems. London: Taylor & Francis.

Shiffer, M.J. and Wiggins, L.L. (1993)  
The union of GIS and multimedia.  
pp. 336-341 IN: Castle, G.H. (ed.) (1993) Profiting from a Geographic Information System. Ft. Collins, CO: GIS World.  
Keywords: multimedia, urban planning, participation, USA

Sieber Renee E. (1997)  
Computers in the Grassroots:  
Environmentalists, GIS, and Public Policy.  
New Brunswick, NJ: Rutgers University, PhD Thesis.

Sieber, Renee E. (2000)  
Conforming (to) the opposition: the social construction of geographical information in social movements.  
International J. of Geographical Information Science 14 (8) 775-793.

Sieber, Renee E. (2000)

GIS implementation in the grassroots.  
URISA J. 12 (1) 15-29.

Sieber, Renée E. (2002)  
Geographic information systems in the environmental movement.  
pp. 153-172 (Chap.12) IN: Craig; Harris; & Weiner (eds) (2002)

Sieber, Renée E (2006)  
Public Participation Geographic Information Systems: a literature review and framework.  
Annals of the Association of American Geographers 96 (3) 491–507.  
<http://www.blackwell-synergy.com/doi/abs/10.1111/j.1467-8306.2006.00702.x>

Silva, Julie A.; Jon Saul; and David Kim (2002)  
Let maps tell the story: Using PPGIS in the evaluation of community-based initiatives.  
Paper given at: URISA Conference on Public Participation GIS (PPGIS), New Brunswick, NJ., July 2002.  
[http://www.urisa.org/PPGIS/selected\\_papers.htm](http://www.urisa.org/PPGIS/selected_papers.htm)  
Keywords: community neighbourhood participation, participatory criteria, indicators & data collection, urban, (history), (visualisation); USA

Smith, Robin S.; and Massimo Craglia (2003)  
Digital participation and access to geographic information: a case study of local government in the United Kingdom.  
URISA Journal Special Issue Vol. 15 part II. pp. 49-54.  
Keywords: UK

Sobel, David (1997/98)  
Mapping from the inside out.  
Orion (Winter 97/98), 14-19.  
Keywords: children, community mapping, training, spatial learning

Sobel, David (1998)  
Mapmaking with Children.  
Heinemann, Sense of Place Education for the Elementary Years. (176p.)  
Keywords: children, community mapping, training, spatial learning

Society for Human Exploration (1971)  
Geography of the Children of Detroit.

Detroit Geographical Expedition & Institute, Field Notes, DGE Discussion Paper No. 3.  
Detroit: The Society for Human Exploration  
Keywords: USA, Detroit, children safety security, perception, well-being

Southworth, Michael (1967)  
The Sonic Environment of Cities.  
Cambridge, MA: MIT Thesis  
Keywords: USA, mapping sound distress, noise pollution  
Source: ref. in Wood 1993

Southworth, Michael (1969)  
The sonic environment of cities.  
Environment & Behavior 1 (1) 49-70.  
Keywords: USA, visualisation, v. early e.g. of mapping sound distress, noise pollution

Southworth, Michael; and Susan Southworth (1983)  
Maps.  
Bulfinch Press (223p.)  
Keywords: USA, urban, mental maps, noise pollution

Steinmann, Renate, Alenka Krek, and Thomas Blaschke (2004)  
Analysis of online public participatory GIS applications with respect to the differences between the US and Europe.  
Paper given at: 24th Urban Data Management Symposium, Chioggia, Italy. (University of Salzburg, Salzburg Research Forschungsgesellschaft. (UDMS) web doc. (12p.)  
[http://map3.salzburgresearch.at/docs/udms\\_paper\\_2004\\_last.pdf](http://map3.salzburgresearch.at/docs/udms_paper_2004_last.pdf)  
Keywords: web GIS, review 12 Online PPGIS applications, 7 US, 3 UK, 2 Germany; urban community, river basin, airports, oil & gas resources, landscape planning. Expert evaluation of Usability & Visualisation criteria for participation.

Steinmann, Renate, Alenka Krek, and Thomas Blaschke (2005)  
Can online map-based applications improve citizen participation?  
Proceedings of Conference on: e-Government: Towards Electronic Democracy, The Challenge Ahead. Bozen, Italy, 2005.  
Lecture Notes In Computer Science 3416, 25-35

Keywords: web GIS, review Online PPGIS applications, US, UK, Germany; urban community, river basin, airports, oil & gas resources, landscape planning. Expert evaluat. of Usability & Visualisation criteria for participation.

Stewart, E.; Jacobson, D.; and Draper, D. (2008)  
Public participation geographic information systems (PPGIS): challenges of implementation in Churchill, Manitoba. The Canadian Geographer / Le Géographe canadien 52 (3) 351–366.  
Keywords: urban PGIS, Churchill, MB, Canada

Strauss, A.L. (1960)  
Spatial representation and the orbits of city life. Sociological Quarterly 1, 167-180.  
Keywords: USA, urban, visualisation, (mental maps?)

Strohecker, Carol; Barros, Barbara; and Slaughter, Adrienne (1998)  
Mapping Psychological and Virtual Spaces. Design Computing on the Net '98  
<http://faculty.arch.usyd.edu.au/kcdc/journal/vol1dnet/stream2/paper6/>  
Keywords: USA, urban, mental maps, software, urban design, Kevin Lynch, MIT MERL Mitsubishi Lab.

Sun, Milan Tung-Wen, Yun-Tung Tsai, Mei-Chiang Shih, Jessica Yu-Wen Lin (2009)  
Public participation and the concept of space in environmental governance: An application of PPGIS. Public Administration and Development 29 (3) 250 – 261.  
<http://www3.interscience.wiley.com/journal/12238/6159/abstract>

Sun Sheng Han; and Zhen Peng (2003)  
Public participation GIS (PPGIS) for town council management in Singapore. Environment and Planning B, Planning & Design 30 (1) 89-112.  
Keywords: urban, PGIS, Singapore

Talen, Emily (1998)  
Visualizing fairness: equity maps for planners. APA Journal 64 (1) 22-38.

Keywords: equity, urban, planning, public facilities, accessibility, methods, GIS, USA

Talen, Emily (1999)  
Constructing neighbourhoods from the bottom up: the case for resident-generated GIS. Environment & Planning B 26, 533-554.  
Keywords: USA, urban, community GIS

Talen, Emily (2000)  
Bottom-up GIS: a new tool for individual and group expression in participatory planning. J. of American Planning Assoc. (JAPA) 66 (3) 279-294.  
Keywords: USA, urban, community GIS

Talen, Emily (2001)  
Methods, models, and GIS - school, community, and spatial equity: An empirical investigation of access to elementary schools in West Virginia. Annals of the Association of American Geographers 91 (3) 465-486.  
Keywords: USA, West Virginia; distribution of services

Teo Siew Eng (1994)  
Mental maps and residential desirability: a Singapore study. Singapore J. of Tropical Geography 15 (2) 171-187.  
Keywords: Singapore, urban residential, mental maps

Towers, G. (1997)  
GIS versus the community: siting power in southern West Virginia. Applied Geography 17 (2) 111-125.  
Keywords: USA, , West Virginia; power lines, 'community GIS', multimedia, Forest Service overruled community views.

Travlou, Penny; Patsy Eubanks Owens; Catharine Ward Thompson; and Lorraine Maxwell (2008)  
Place mapping with teenagers: locating their territories and documenting their experience of the public realm. Children's Geographies 6 (3) 309-326  
Keywords , Summary: present, analyse and critique a research method, 'place mapping', to document and understand teenagers' experience, use and perception of public spaces. 2 case studies, Edinburgh, and Sacramento, CA, conventional street maps

as basis to elicit and record young people's spatial experiences. Method is effective mechanism for generate and structure discussion through dialogue by participants about their dynamic and shared experience of place, geogr. records places, ensures equitable participation

Trodd, Nigel; and Wayne M Gearey Jr (2006)

A participatory GIS-based method to construct output areas for neighbourhood analysis and social planning.

URISA Journal (version 21.8 2006)

<http://www.urisa.org/gearey>

Keywords: Canada; Delta, BC, social, urban PGIS, participatory neighbourhood zoning, education (pre-schools)

Tulloch, David (2004)

The Green Map system as a means for PPGIS education and exploration.

Paper given at 3<sup>rd</sup> URISA Public Participation GIS Conference, Madison, WI., July 2004.

<http://crssa.rutgers.edu/ppgis/PPGIS2004.pdf>

Keywords: urban community mapping, PGIS, Green Maps & Mapping, training, (children), USA, New Jersey,

Tulloch, David L. (2008)

Is VGI participation? From vernal pools to video games

GeoJournal 72, 161–171.

DOI 10.1007/s10708-008-9185-1

Keywords: USA, NJ, PPGIS, local environment, 2<sup>nd</sup> Life. VGI, PPGIS history - relationships VGI & PPGIS. But boundaries are unclear. 2 cases: volunteers mapping vernal pools in NJ, Park design in Second Life. Intertwined aspects of VGI & PPGIS, aspects of divergence.

Tyrvaïnen, L.; Makinen, K.; and Schipperjin, J. (2006)

Tools for mapping social values of urban woodlands and other green areas.

Landscape and Urban Planning (??)

Keywords: Finland, Helsinki, urban forestry, landscape values, tranquillity, scenery, mapping, mail survey

Social values urban green areas for strategic planning. Mail survey Helsinki, Finland, attitudes benefits of green areas measured. Local residents identify on map positive qualities e.g beautiful scenery,

peace n quiet, etc, & negative qualities. results into GIS. favourite places = tranquillity, feeling of being in a forest, naturalness.

UNDP (1997)

Defining Core Characteristics of Good Governance.

New York, NY: United Nations Development Programme, Management Development and Governance Division.

UN-HABITAT (2007)

Women's Safety Audits for a Safer Urban Design. Results of the pilot audit carried out in Centrum, Warsaw (25 August 2007) Warsaw: UN-HABITAT Warsaw Office. (18p.)

[http://www.unhabitat.org/downloads/docs/5544\\_32059\\_WSA%20Centrum%20report.pdf](http://www.unhabitat.org/downloads/docs/5544_32059_WSA%20Centrum%20report.pdf)

Keywords: Poland, Warsaw, urban, women, safety maps, (lighting), perception, P mapping

Vainio, Teija (2009)

Urban Planning With Mobile Devices.

Turku: Turku University Department of Geography Publications B.

[http://envifacilitate.utu.fi/workshop/Gi-ENVi\\_abstractbook.pdf#page=95](http://envifacilitate.utu.fi/workshop/Gi-ENVi_abstractbook.pdf#page=95)

Keywords: Finland, Turku?, mobile GIS, urban planning

Vajjhala, Shalini P. (2002)

Re-inventing GIS: from Information to Communication.

Pittsburgh, PA: Carnegie Mellon University, PhD Proposal. (9p.)

Keywords: urban neighbourhood, USA, Pittsburgh cognitive maps, perceptual maps, GIS, visualisation

Vajjhala, Shalini P. (2005)

Integrating GIS and Participatory Mapping in Community Development Planning.

Paper given at ESRI International User Conference, Sustainable Development and Humanitarian Affairs Track, San Diego, CA, July 2005.

<http://gis.esri.com/library/userconf/proc05/papers/pap1622.pdf>

Keywords: urban USA, Pittsburgh, community participation, neighbourhood mapping, visualisation

Vajjhala, Shalini P. (2005)

Mapping Alternatives: Facilitating Citizen Participation in Development Planning and Environmental Decision Making. Pittsburgh PA: Carnegie Mellon University, Carnegie Institute of Technology, Engineering and Public Policy PhD Thesis. (261p.)  
[http://wpweb2.tepper.cmu.edu/ceic/theses/Shalini\\_Vajjhala\\_PhD\\_Thesis\\_2005.pdf](http://wpweb2.tepper.cmu.edu/ceic/theses/Shalini_Vajjhala_PhD_Thesis_2005.pdf)  
 Keywords: urban USA, Pittsburgh, community participation, neighbourhood mapping, urban environment, visualisation

Vajjhala, Shalini P. (2006)  
 Ground Truthing” policy: using participatory map-making to connect citizens and decision makers  
 Resources (Resources For the Future) 162 (Summer 2006) 14-18  
[http://www.rff.org/rff/Documents/RFF-Resources-162\\_GroundTruthing.pdf](http://www.rff.org/rff/Documents/RFF-Resources-162_GroundTruthing.pdf)  
 Keywords: USA, Pittsburgh, urban community identity, linking P mapping to PGIS, policy,

Varanka, Dalia (1996)  
 The Social Implications of how People, Space, and Environment are Represented in GIS. GIS and Society. Initiative 19 Position Paper.  
[www.geo.wvu.edu/i19/papers/varanka](http://www.geo.wvu.edu/i19/papers/varanka)  
 Keywords: gender

van der Vegt, Maaik (2001)  
 Evaluating GIS in Local Government in Developing Countries. Enschede: ITC, Social Sciences Division. (30p.)  
 Keywords: GIS institutions, urban & regional planning, Philippines (visualisation)

Ventura, Stephen J.; Bernard J. Niemann; Todd L. Sutphin; and Richard E. Chenoweth (2002)  
 GIS-enhanced land-use planning. pp. 113-124 (Chap.9) IN: Craig; Harris; & Weiner (eds) (2002)  
 Keywords: USA, Wisconsin, Dane Co., land use planning

de Voux, Lucien (2006)  
 Distributed Data Collection: Evaluating the Usability of Wireless Communication in CyberTracker. Cape Town: UCT MSc Thesis

<http://people.cs.uct.ac.za/~kumoyo/cybertracker/ldevoux/downloads/Final%20write-up.pdf>

Keywords: CyberTracker, not PGIS, wildlife monitoring, urban traffic parking, Kruger NP, Cape Town, South Africa

Wagner Berno de Almeida, Alfredo; Sales dos Santos, Glademir; e Lima, Luís Augusto Pereira (eds) (2009)  
Estigmatização e Território: Mapeamento Situacional dos Indígenas em Manaus. Manaus: Projeto Nova Cartografia Social da Amazônia / Editora da Universidade Federal do Amazonas. (219p.)

[http://www.novacartografiasocial.com/arquivos/publicacoes/livro\\_estigmatizacao.pdf](http://www.novacartografiasocial.com/arquivos/publicacoes/livro_estigmatizacao.pdf)

Keywords: Brasil, Amazonia, Manaus, urban community participatory mapping, indigenous people, land claims, indigenous women, cultural, political, Nova Cartografia Social da Amazônia

Walker, Marion Walker; Duncan Whyatt; Colin Pooley; Gemma Davies; Paul Coulton; and Will Bamford (2009)  
 Talk, technologies and teenagers: understanding the school journey using a mixed-methods approach  
Children's Geographies 7 (2) 107-122.  
 Keywords: northern England, GIS, GPS, time-diary, photo-journals, daily accounts of children activities, safety, security, environmental perception, methods to capture movements and consider the wellbeing of 30 teenagers on journeys to and from school. building their own biographical record' Mobile phone with GPS automatically log travel patterns, respondents added 'blog' images and text about how they felt on the journey. Points in track data without photos help understand places distasteful, scary, too mundane to take special notice. Using range of methods the young people became involved in the project, rich picture of contingent, complex school journeys.

Walker, Richard (2001)  
 City Scan – empowering urban neighborhoods through technology. pp. 8-9 IN: Convis (ed.) (2001)  
 Keywords: USA, Connecticut, urban, GIS, community environmental mapping GIS, equity,

- Waters, Timothy (2002)  
A Java Public Participation GIS using a Spray Can Tool for an Investigation on the Perception of Crime in Leeds.  
Leeds, University of Leeds, MSc Thesis in GIS. (164p.)  
Keywords: UK, Leeds, urban spatial perceptions, perceived crime, visualisation, tools.  
Source:  
<http://www.cycletourer.com/applets/Sprayer.html>
- Weiner, Daniel; Harris, Trevor M.; and Craig, William J. (2002)  
Community participation and geographic information systems.  
pp. 3-16 (Chap.1) IN: Craig et al. (eds) (2002)
- Winton, Ailsa (2005)  
Youth, gangs and violence: analysing the social and spatial mobility of young people in Guatemala City.  
Children's Geographies (2) 167-  
Keywords: Guatemala, urban, social, children, youth, security, violence, mobility, P mapping
- Wong, J.Y.Y.; Sze-Onn, Y.; and Gerber, R.(?) (1999)  
Students' conceptions of environments through photographs.  
New Horizons in Education 40, 126-138.  
Keywords: students, Singapore, cognitive maps, photos, culture, (urban landscape)
- Wood, Denis; and Robert Beck (1989)  
Janine Eber maps London: individual dimensions of cognitive imagery.  
J. of Environmental Psychology 9, 1-26.  
Keywords: urban, mental maps, UK, London
- Wurtele, Susan; and Jill Ritchie (2005)  
Healthy Travel, Healthy Environments: Integrating Youth and Child Perspectives into Municipal Transportation Planning.  
Children, Youth and Environments 15 (2) 356-370  
[www.colorado.edu/journals/cye](http://www.colorado.edu/journals/cye)  
Keywords: urban, children, transport safety, (GIS?)
- Yearley, S; Cinderby S; Forrester J; Bailey P; and Rosen P (2003)  
Participatory modelling and the local governance of the politics of UK air pollution: a three-city case study.  
Environmental Values 12, 247-262  
Keywords: York, urban air quality, air pollution
- Yeh, A.G. (1991)  
The development and applications of GIS in urban and regional planning in the developing countries.  
Internat. J. of GIS 5 (1) 5-27.
- Young, Lorraine; and Hazel Barrett (2001)  
Geographies of childhood. Adapting visual methods: action research with Kampala street children.  
Area 33 (2) 141-152.  
Keywords: Uganda, Kampala; urban, children, (safety), ethics of participatory research, P maps, 4 visual 'action' methods elicit info from street children re interactions with socio-spatial environment.
- Zhong, Tao; Young, Rhonda Kae; Lowry, Michael and Rutherford, G. Scott (2008)  
A model for public involvement in transportation improvement programming using participatory Geographic Information Systems.  
Computers, Environment and Urban Systems 32 (2) 123-133.  
Keywords: PGIS; public participation concepts; participation ladders, urban transport, USA

## WEBSITES

### CSDMS

Centre for Science, Development and Media Studies, New Delhi

3 print journals, also on the web:

[GIS@ Development](#)

[i4D](#)

[eGov](#)

*Mapping the Neighbourhood* – project under NRDMS (Natural Resource Data Management Section) of Dept of Science and Technology, India, takes mapping science to community through participation of school children. in 20 schools in Almora & Nainital districts, Uttaranchal. 500+ students & 50 teachers participating since Oct 2003. Maps prepared using GPS with PDA.

*GramChitra* - open source GIS “for the masses” developed by Media Lab Asia (MIT research initiative in India) collect geographic information, spatial & non-spatial using GPS and PDA.

<http://www.csdms.in/>

### Green Map System

Green Map System (GMS) is locally adaptable, framework for environmental mapmaking, utilizing GMS's shared visual language – set of Icons representing different kinds of green sites and cultural resources. About 50 countries, (345+ examples Sept. 2006) Primarily USA beginning with Wisconsin, & e.g. New Jersey. Increasing number in South countries – examples from; Cameroon, Nigeria, Uganda, South Africa, Argentina, Brasil, Chile, Colombia, Costa Rica, Cuba, Jamaica, Peru, Uruguay, China, Malaysia, India, Indonesia, Philippines, Thailand

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

<http://www.greenmap.com/home/home.html>

### Youth Mapmakers

<http://www.greenmap.org/ymaps/ymindex.html>

### Green Map System (2004)

*Green Map Atlas: Map Making Stories: Volume 1.*

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

### Nova Cartografia Social da Amazônia

<http://www.novacartografiasocial.com/>

Belem i Manaus: PPGCS-UFPA

Universidade Federal do Amazonas -

Programa de Pos-Graduacao Sociedade e

Cultura na Amazonia. (PNCSA/PPGSCA-UFAM/ F.Ford)

Grupo de Pesquisa: Mapeamento social dos povos e comunidades tradicionais

Núcleo de Pesquisas em Territorialização, Identidade e Movimentos Sociais.

Coordinator, Nova Cartografia Social da Amazônia: Alfredo Wagner Berno de Almeida.

Series of > 22 documents of c.10-12 p. each reporting on Community and P mapping of NRM (e.g. cocoa, fisheries, NTFP) and land of indigenous and urban peoples. The series includes urban, socio- cultural, gender, health, and environmental issues, in Brazilian Amazonia, Belem, Amazonas, Para States

<http://dgp.cnpq.br/buscaoperacional/detalhegrupo.jsp?grupo=431170382CJT5E>

## Some UK Websites

### 'Planning for Real' (PFR)

'Planning for Real' ® Initiative. Virtual Slaithwaite: Web-based Public Participation. Leeds: University of Leeds, School of Geography.

<http://www.geog.leeds.ac.uk/slaithwaite/>

Slaithwaite PFR-NIF refers to the 'Planning for Real' ® exercise by Neighbourhood Initiatives Foundation using a 1:1000 3-D scale model of Slaithwaite village, West Yorkshire, UK.

### University of Leeds

University of Leeds, School of Geography, England. A lot of innovative work on participatory, on-line, interactive GIS using the web.

On-line Digital Democracy Group, Centre for Computational Geography School of Geography, University of Leeds Steve Carver, Andrew Evans, (Richard Kingston)

5 years developing web-based Geographical Information Systems for Public Participation in environmental decision making.

<http://www.ccg.leeds.ac.uk/democracy/>

(lastest update: 26 June 2003)

Interactive web exercise: Exploring environmental decision making using Internet GIS. Public participation in locating a nuclear waste disposal site.

<http://www.ccg.leeds.ac.uk/teaching/nuclearwaste/>

**CASA** – Centre for Advanced Spatial Analysis, University College, London 1999, CASA researchers disseminated work on multimedia, GIS, & virtual reality in urban design to local communities. **Hackney Building Exploratory Interactive** was first application & led to current project in **Woodberry Down**, London where CASA is building a multimedia resource for public participation. Woodberry Down is one of the most deprived public housing estates in the UK and participation is central to the process of community regeneration, An example of how digital technologies can enable a disenfranchised community to realise its own future.

**Online Planning** research into utilising internet based virtual reality within planning system.

Centre for Advanced Spatial Analysis (CASA) University College London  
<http://www.casa.ucl.ac.uk/online.htm>

Woodbury Down Regeneration, Hackney, London

<http://www.casa.ucl.ac.uk/olp/>  
<http://156.61.16.5/woodberry/>

The Woodberry Down Regeneration project is about to launch a new bulletin board. One section will be for comments on the design/aspects of the site with regards to Online Planning..

[Mike Batty, CASA, UCL]  
 UK, London

### **Bio Mapping**

Christian Nold, BioMapping.net  
 Bio Mapping is a research project beginning in London in Jan. 2004 and on-going, “which explores new ways that we as individuals can make use of the information we can gather about our own bodies. Instead of security technologies that are designed to control our behaviour, this project envisages new tools that allows people to selectively share and interpret their own biometric data. The Bio Mapping tool allows the wearer to record their Galvanic Skin Response (GSR), which is a simple indicator of emotional arousal in conjunction with their geographical location. This can be used to plot a map that highlights point of high and low arousal. By sharing this data we can construct maps that visualise where we as a

community feel stressed and excited. How will our perceptions of our community and environment change when we become aware of our own and each others intimate body states?”

<http://biomapping.net/index.htm>  
 UK, London, urban

### **London 21 - Networking for a Green and Sustainable City.**

London 21 is a network of community groups, individuals and representatives who work in all parts of Greater London to help create a greener, healthier and more sustainable city. A registered charity operating since 2000. London 21 is known for London Sustainability Weeks, or, ‘Love London’ in June, 2 weeks of green events. London 21 runs projects including the ‘Environmental Justice Project’, the ‘Black Minority and Ethnic Groups (BME) Project’, ‘Mapping Change for Sustainable Communities’, ‘Bio Mapping’, and the ‘London Green Map’ which maps green activities, projects, businesses, organisations over London.

<http://www.london21.org/>

UK, London, urban, community mapping, environmental justice, social, ethnicity, health, ‘biomapping’

### **Maps and Stats**

Bradford, Yorks.: Bradford Council in partnership with Bradford Resource Centre (BRC).

<http://www.mapsandstats.com/>

UK, Bradford

## **Some European Websites**

Bürgerbeteiligung Online – landscape plan, Königslutter

<http://thuja.land.uni-hannover.de/entera/mapserv.phtml>

Source: ref. in Steinmann et al. (2004)  
 Keywords: urban, landscape, intractuive, Germany, Königslutter

Vernetzter Bebauungsplan – Landkreis Freising

<http://fs.mapsailor.de/fs-start.htm>

Source: ref. in Steinmann et al. (2004)  
 Keywords: urban, landscape, intractuive, Germany

## **Some US & Canadian Websites**

**URISA – Urban & Regional Information Systems Association**, Park Ridge IL., USA

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

<http://www.urisa.org/ppgis.htm>

[http://www.esri.com/library/userconf/. htm](http://www.esri.com/library/userconf/.htm)

<http://www.urisa.org/publicat.htm>

Websites of ESRI's annual User Conferences and the papers given there, with many relevant papers on P-GIS, PPGIS. Publications available from URISA.

Electronic on-line **URISA Journal** from the Urban and Regional Information Systems Association.

<http://www.urisa.org/Journal/onlinejournal.htm>

### **Common Ground Community Mapping Project.**

Victoria BC

Coordinator: Maeve Lydon

Community mapping provides inclusive & graphic framework for people to affirm and pool their experiences and knowledge about their home place. Community mapping is as much about process as it is about 'getting the map done.'

Common Ground provides training, & exchange of experiences. Including **Green Maps**.

<http://www3.telus.net/cground/mapping>

### **GreenInfo**

California, "Information & Mapping in the Public Interest" Mission of GreenInfo Network is to bring the power of computer based mapping to non-profits, public agencies and other public interest organizations. We enable these groups to more effectively show the relationships between issues, people and places. We do this by conducting GIS and other projects, providing access to GIS resources, supporting groups who desire their own GIS, and fostering collaboration around data and GIS projects.

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

[gin@greeninfo.org](mailto:gin@greeninfo.org)

### **Orton Family Foundation**

Community Mapping Program. 'This Land: Mapping Our Communities'. USA, e.g. Vermont, Colorado, New Hampshire: educational & social

<http://www.orton.org/projects/community/Mapping.asp>

<http://www.cmapgallery.org/resources/>

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

### **Participatory Photo Mapping PPM**

<http://www.la.wisc.edu/ppm/>

<http://www.la.wisc.edu/ppm/method.html>

Urban health, USA.

PPM is a tool for exploring the experience of health and place and for communicating this experience to decision-makers. Using PPM helps to uncover opportunities and barriers to using the built environment for daily activities.

PPM allows: 1. Access both the community & environmental contributions to health, safety & well-being. 2. Address people's perceptions of their neighbourhood environments 3. Identify environmental factors that impact physical activity 4. Identify community supports & barriers to health. 5. Present this information to stakeholders and decision-makers.

There are 4 steps: Taking photos & GPS tracking. Focus Groups & Narratives. GIS data analysis. Policy advice.

Contact: Sam Dennis Jr., PPM Working Group, Agricultural Hall, 1450 Linden drive Uni. of Wisconsin, Madison, WI 53706 Email: [sfdennisjr@wisc.edu](mailto:sfdennisjr@wisc.edu)

### **Community Mapping Network**

<http://shim.bc.ca/>

### **Shaping Dane Project Website**

Goal of 'Shaping Dane' is provide local communities with opportunity to participate in community-based, technology-linked land use decision-making.

Contact: Stephen J. Ventura, University of Wisconsin-Madison, WI, USA.

[www.lic.wisc.edu/shapingdane](http://www.lic.wisc.edu/shapingdane)

USA, Wisconsin, Madison, urban communities

### **Gawker's New York City Subway Smell Map.**

Created from reports sent in by Gawker readers, the map displays particular smells -- horrific and sublime -- encountered throughout New York's subway stations. Mouse over any station to see the station name, subway lines, and types of smells to be found there. Click on any station for a popup with actual reader smell reports.

Includes: Alcohol, body odour, chemicals,

faeces, food, mould & wet, perfume, sewage, urine, vomit  
Smell something? Say something to [subwaystink@gmail.com](mailto:subwaystink@gmail.com). Give the station, subway line, and smell you detected, and we'll incorporate your report into the map. <http://gawker.com/maps/smell/>  
USA, New York, urban

**Mental Maps: Making the Invisible, Visible.**

Sorin A. Matei, (2003-07)  
mental@matei.org  
<http://www.mentalmaps.info/>

Mental mapping visualizes the imaginary maps people carry in their minds to navigate in geographic space. Sorin Matei has found an efficient way to make these maps visible and analyzable with quantitative methods. e.g. USA, Los Angeles three-dimensional mental map of fear. Mountain and green areas represent zones perceived as comfortable; valleys and canyons in red represent areas perceived as "feared." Eg. Romania, Brasov.

Alagan, Ram (2002)

**Corridor H Transportation** Development alignment between Buchanan and Elkins, WV  
West Virginia University, Dept. of Geology and Geography, West Virginia  
[http://www.geo.wvu.edu/~ralagan/PGIS\\_EIA/pgis\\_page.htm](http://www.geo.wvu.edu/~ralagan/PGIS_EIA/pgis_page.htm)  
USA, West Virginia, transportation

Website & paper by Krygier dealing with **PP Visualization.**

[http://www.owu.edu/~jbkrygie/krygier\\_html/lws/pp\\_viz.html](http://www.owu.edu/~jbkrygie/krygier_html/lws/pp_viz.html)

**Community Mapping and GIS**

USA urban.  
[http://go.owu.edu/~jbkrygie/comgis/comgis\\_overview.html](http://go.owu.edu/~jbkrygie/comgis/comgis_overview.html)

**Making Maps:** a visual guide to map design for gis.

Krygier / Wood  
<http://makingmaps.owu.edu/>

Mike Shiffer - **Participation in planning.**  
<http://yerkes.mit.edu/hcpc96/home.html>

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## Location Index Incomplete

- Amazon, 16, 33
- Amazonia, 31
- Argentina, 33
- Australia, 3, 5, 14
  - Darwin, 5
  - Sydney, 3
- Austria, 6
  - Vienna, 6
- Belgium, 5
- Brasil, 19, 31, 33
  - Belem, 33
  - Manaus, 31
  - Para, 33
- Cameroon, 33
- Canada, 5, 6, 8, 10, 14, 16, 19, 21, 23, 29, 30
  - British Columbia, 10, 19, 30
  - Churchill, 29
  - Saskatchewan, 16
  - Vancouver, 6
  - Victoria, 19
- Chile, 33
- China,, 33
- Colombia, 33
- Costa Rica, 22, 33
- Cuba, 33
- Denmark, 23
- Egypt, 3
- Ethiopia, 18
  - Addis Ababa, 18
- Fiji, 16
- Finland, 24, 30
  - Espoo, 24
  - Helsinki, 30
  - Järvenpää, 24
  - Turku, 30
- France, 7, 13
  - Strasbourg, 7
- Georgia, 3
- Germany, 28, 29, 34
  - Königslutter, 34
- Ghana, 3, 17
  - Kumasi, 17
- Greece, 3
- Guatemala, 19, 24, 32
  - San Sebastian, 24
- Hong Kong, 17
- India, 3, 8, 12, 14, 17, 33
  - Delhi, 14
  - Indore, 3
  - Pune, 12
  - Uttaranchal, 17, 33
- Indonesia, 2, 4, 12, 20, 33
  - Jakarta, 12, 20
  - Semarang, 2
  - Yogyakarta, 4
- Iran, 3
- Israel, 12
  - Tel Aviv, 12
- Jamaica, 33
- Japan, 12
- Jordan, 2
- Kenya, 7, 16
  - Nairobi, 16
  - Nakuru, 7
- Madagascar, 16
  - Diego-Suarez, 16
- Malaysia, 18, 25, 33
  - Kuala Lumpur, 25
  - Penang, 18
- Mexico, 22
- Montenegro, 21
- Nepal, 17
  - Lalitpur, 17
- Netherlands, 5
- New Zealand, 16
  - Maori, 16
- Nigeria, 3, 12, 33
  - Lagos, 12
- North America, 23
- Peru, 16
- Philippines, 8, 24, 31, 33
  - Bicol, 24
  - Naga City, 24
  - Negros Occidental, 8
- Poland, 5, 30
  - Warsaw, 30
- Portugal, 5
- Romania, 36
  - Brasov, 36
- Senegal, 25
- Serbia, 21
- Singapore, 13, 29, 32
- South Africa, 1, 3, 8, 13, 18, 20, 23, 31, 33
  - Cape Province, 20
  - Cape Town, 1, 3, 23, 31
  - Kruger, 31
  - Paarl, 8
- Spain, 5
- Sweden, 4, 5, 7, 16
  - Stockholm, 4
- Switzerland, 15, 22
  - Geneva, 15, 22
- Tadjikistan, 3
- Tanzania, 3, 9, 11, 16, 18
  - Dar es Salaam, 3, 9, 11, 18
- Thailand, 19, 33
- Uganda, 32, 33

Kampala, 32  
 UK, 2, 4, 6, 7, 8, 10, 11, 12, 13, 14, 16, 19,  
 20, 21, 23, 28, 29, 32, 33, 34  
 Ashford, 2  
 Belfast, 4, 21  
 Blackpool, 7  
 Bradford, 34  
 Edinburgh, 29  
 Leeds, 32  
 Liverpool, 14  
 London, 4, 12, 13, 16, 19, 32, 34  
 Manchester, 23  
 NE England, 16  
 Northern England, 31  
 Salford, 7  
 Slaithwaite, 3, 6, 16, 33  
 Wales, 14  
 York, 7, 32  
 Uruguay, 33  
 USA, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13,  
 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24,  
 25, 26, 27, 28, 29, 30, 31, 32, 33, 35, 36  
 Alabama, 11  
 Atlanta, 25  
 Baltimore, 26  
 Boston, 19, 24  
 California, 3, 10, 22  
 Charleston, 2  
 Chicago, 1, 2, 3, 9, 10, 16, 24  
 Cleveland, 15  
 Connecticut, 31  
 Delaware, OH, 13  
 Detroit, 5, 28  
 Eugene OR, 26  
 Florida, 26  
 Idaho, 15  
 Illinois, 24  
 Los Angeles, 7, 13, 20, 36  
 Madison, 8, 35  
 Michigan, 26  
 Milwaukee, 8, 10, 11  
 Minneapolis, 9, 10, 17, 18  
 New England, 16  
 New Hampshire, 11  
 New Jersey, 30  
 New York, 7, 36  
 New York City, 19, 22  
 North Carolina, 22  
 Philadelphia, 6, 7, 11  
 Pittsburgh, 30, 31  
 Portland, 4  
 Raleigh, 7  
 Richmond, 23  
 Sacramento, CA, 29  
 San Francisco, 23  
 Southern USA, 14  
 Washington, 9  
 Washington DC, 27  
 West Virginia, 2, 29, 36  
 Wisconsin, 8, 31, 33, 35  
 Venezuela, 22