

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

M.K. McCall

**PGM Dept.
ITC
Enschede, The Netherlands
September 2008**

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, 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 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, visualisation [comparing: GIS, free sketching, computer photo-manipulation]

- Al-Kodmany, Kheir (1999b)
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,
- 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, online, 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 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.araburban.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
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
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
- 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

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

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

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
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

Berglund, U.; and Nordin, K. (2005).
Including children's perspective in urban planning in GIS: development of a method.
IN: B. Martens; & A. Keul (Eds.) Designing Social Innovation: Planning, Building, Evaluation.
G  ttingen: Hogrefe & Huber.
Keywords: urban planning, Stockholm, & central Sweden villages, GIS, 10-12, 15 year olds, children LSK, 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.
Varenius Initiative paper

<http://www.ncgia.ucsb.edu/varenius/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

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

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
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
Cybergeog No.206, (15 Janvier)
<http://193.55.107.45/cartogrf/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

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

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; 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?

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.

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

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/wwwsaq/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](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/L1442
50045/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

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

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)
- 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 E.; and Carolyn Harrison (2002)
 Public Participation GIS in the UK and the USA: a cross cultural analysis.
 Paper given at: 98th 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, G.; and Doddridge, J. (2000)
 Children's cognitive mapping: a potential tool for neighbourhood planning.
Environment and Planning B: Planning & Design 27, 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.
- 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 smily & 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, Varenus Tech. Rept. No. 96-7. (199p.)
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’.

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

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, R.; 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.
 Keywords: India, New Delhi, participation, urban PGIS
 Source: ref. in Zhong et al (2008)

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,

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

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

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; & 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

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, 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

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 GISRUK '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.ejisdsc.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/ganesh.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

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

Keywords: community participation, empowerment meanings & constraints, (urban egs.)

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

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.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; and Gary Hack (1984)

Site Planning.

Cambridge, MA: MIT U.P. (3rd 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

Keywords: health, women, P mapping, UK

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

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.ejisd.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

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'

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 39th 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

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_2paggers.pdf

Keywords: Venezeula, 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 20th Sept. 2005

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/lld/olt/Resources/olkit/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
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
- 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

Keywords: Guatemala, P mapping, risks, hazards, floods, urban, Sierra Madre mountains, Samala river basin, ITC

Peters Guarin, G.; van Westen, C.J.; and Montoya, A.L. (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

Keywords: Guatemala, 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)

Ramasubramanian, Laxmi (1995)

Building communities: GIS and participatory decision-making.

J. of Urban Technology 3 (1) 67-79.

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.

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.

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, sound
scapes, "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
Keywords: USA, Michigan, GIS, social,
asset mapping, community mapping,

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 R. 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
Keywords: community neighbourhood participation, participatory criteria, indicators & data collection, urban, (history), (visualisation)

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.

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

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

Southworth, Michael (1967)
The Sonic Environment of Cities.
Cambridge, MA: MIT Thesis
Source: ref. in Wood 1993

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
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.

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/vol1/dcnet/stream2/paper6/>

Keywords: USA, urban, mental maps, software, urban design, Kevin Lynch, MIT MERL Mitsubishi Lab.

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.

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 3rd 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,

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

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

- Vajjhala, Shalini P. (2002)
Re-inventing GIS: from Information to Communication.
Pittsburgh, PA: Carnegie Mellon University,
PhD Proposal. (9p.)
Keywords: urban neighbourhood, USA, 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
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
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
Keywords: gender
- van der Vegt, Maaïke (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
- 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

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 Almore & 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.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/>

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.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

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>

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
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. 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
USA, West Virginia, transportation

Website & paper by Krygier dealing with **PP Visualization**.
http://www.owu.edu/~jbkrygie/krygier_html/lws/ppviz.html

Community Mapping and GIS

USA urban.
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/ncpc96/home.html>

=====

Location Index Incomplete

- Amazon, 12
- Argentina, 26
- Australia, 3, 12
- Sydney, 3
- Austria, 4
- Vienna, 4
- Belgium, 4
- Brasil, 15, 26
- Cameroon, 26
- Canada, 4, 6, 8, 11, 12, 15, 18, 23
- British Columbia, 8, 15, 23
- Saskatchewan, 12
- Vancouver, 4
- Victoria, 15
- Chile, 26
- China, 26
- Colombia, 26
- Costa Rica, 17, 26
- Cuba, 26
- Denmark, 18
- Ethiopia, 15
- Addis Ababa, 15
- Fiji, 12
- France, 5, 10
- Strasbourg, 5
- Germany, 22, 27
- Königslutter, 27
- Ghana, 3, 14
- Kumasi, 14
- Guatemala, 15, 19, 24
- Hong Kong, 14
- India, 2, 6, 9, 10, 11, 14, 26
- Indore, 2
- New Delhi, 11
- Pune, 10
- Uttaranchal, 14, 26
- Indonesia, 2, 10, 16, 26
- Jakarta, 10, 16
- Semarang, 2
- Jamaica, 26
- Japan, 10
- Jordan, 2
- Kenya, 6, 13
- Nairobi, 13
- Nakuru, 6
- Madagascar, 13
- Diego-Suarez, 13
- Malaysia, 14, 26
- Penang, 14
- Montenegro, 17
- Nepal, 14
- Lalitpur, 14
- Netherlands, 4
- New Zealand, 12
- Maori, 13
- Nigeria, 9, 26
- Lagos, 9
- North America, 18
- Peru, 12
- Philippines, 24, 26
- Poland, 4, 23
- Warsaw, 23
- Portugal, 4
- Romania, 28
- Brasov, 28
- Senegal, 19
- Serbia, 17
- Singapore, 10, 23, 25
- South Africa, 1, 3, 11, 15, 16, 26
- Cape Town, 1, 3
- Spain, 4
- Sweden, 3, 13
- Stockholm, 3
- Switzerland, 12, 17
- Geneva, 12, 17
- Tanzania, 3, 7, 9, 12, 14
- Dar es Salaam, 3, 7, 9, 14
- Thailand, 15, 26
- Uganda, 25, 26
- Kampala, 25
- UK, 2, 3, 4, 5, 6, 8, 10, 11, 12, 13, 16, 17, 18, 19, 22, 24, 25, 26, 27
- Ashford, 2
- Belfast, 3, 17
- Bradford, 27
- Leeds, 24
- Liverpool, 12
- London, 3, 10, 11, 12, 13, 25, 26, 27
- Manchester, 18, 19
- NE England, 12
- Slaithwaite, 3, 5, 13, 26
- Wales, 11
- York, 25
- Uruguay, 26
- USA, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25, 26, 28
- Alabama, 9
- Atlanta, 20
- Baltimore, 20
- Boston, 15, 16
- California, 3, 8, 17
- Charleston, 2
- Chicago, 1, 2, 3, 7, 13
- Cleveland, 12
- Connecticut, 24
- Detroit, 4
- Florida, 20

Los Angeles, 6, 10, 16, 28
Madison, 6, 28
Michigan, 20
Milwaukee, 6, 8, 9
Minneapolis, 7, 8, 14, 15
New England, 12
New Hampshire, 9
New Jersey, 23
New York, 5, 6, 28
New York City, 16
North Carolina, 17

Philadelphia, 4, 5, 9
Pittsburgh, 24
Portland, 4
Raleigh, 6
Richmond, 18
San Francisco, 18
Washington, 7
Washington DC, 21
West Virginia, 2, 23, 28
Wisconsin, 6, 24, 26
Venezuela, 17