

GEOG 598E: Virtual Seminar in Public Participation GIS • Fall 2007

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This one-credit seminar will feature online presentations by scholars from U.S. and Europe who explore the potential of geospatial technologies to facilitate community involvement in decision-making.

The seminar is open to Penn State students in the Department of Geography's MGIS, M.Sc., and Ph.D. programs. The seminar is co-sponsored by the Worldwide Universities Network (WUN) and the University Consortium for Geographic Information Science (UCGIS). Faculty members and students at other WUN and UCGIS institutions have also been invited to participate.

Presentation schedule (Note: Students unable to participate in live presentations may view archived recordings)

#	Date	Topic	Presenter
1	Wednesday 17 October	PPGIS: Who are the 'public' and what are they 'participating' in?	Robin Smith (Sheffield) & Richard Kingston (Manchester)
2	Wednesday 24 October	Designing participatory GIS/SDSS	Piotr Jankowski (San Diego State Univ)
3	Wednesday 7 November	Unpacking the complexities of PPGIS	Rina Ghose (Wisconsin at Milwaukee)
4	Wednesday 14 November	Critical GIS: Methods for Exploring PGIS and PPGIS Use	Sarah Elwood (Washington)
5	Wednesday 28 November	Quantifying the qualitative: capturing environmental perception in space/place problems	Steve Carver (Leeds)
6	Wednesday 5 December	Reflections on and Directions for PPGIS Research	Tim Nyerges (Washington)

Student Activities

- Participate in six live desktop video presentations and discussions hosted by the Worldwide Universities Network (9 hours total – up to 90 minutes per session). Students unable to participate in live presentations may view archived recordings.
- Read and identifying key points of five assigned research articles (15 hours total)
- Seminar project – Define design and implement process and predicted outcomes for real or hypothetical PPGIS application. Publish project report, along with reflection on seminar outcomes, in personal e-portfolio (16 hours).

Equipment requirements: High-speed internet access, headset with microphone; webcam optional (See <https://courseware.e-education.psu.edu/courses/gis/techspecs.html>)

Reading list

Session 1: Sieber, Renee (2006) Public Participation Geographic Information Systems: A Literature Review and Framework. *Annals of the Association of American Geographers* 96 (3), 491–507.

Session 2: Jankowski, Piotr , Steven Robischon, David Tuthill, Timothy Nyerges, Kevin Ramsey (2006) Design Considerations and Evaluation of a Collaborative, Spatio-Temporal Decision Support System. *Transactions in GIS* 10 (3), 335–354.

Session 3: Ghose, Rina (2007) Politics of Scale and Networks of Association in Public Participation GIS" *Environment and Planning A* 39(8) 1961 – 1980

Session 4: Elwood, Sarah (2006) Critical Issues in Participatory GIS: Deconstructions, Reconstructions, and New Research Directions. *Transactions in GIS* 10:5, 693–708

Session 5: Carver, Steve (2001) Participation and Geographic Information: a Position Paper. Available at <http://www.geog.leeds.ac.uk/papers/01-3/01-3.pdf>