

Call for Papers

AAG 2010 Organized Session:

Open Source Tools & Standards in GISc Research and Education

Sponsored by the *Cyberinfrastructure, Spatial Analysis and Modeling*, and *Geographic Information Science and Systems* Specialty Groups

Seamless access to and the fusion of disparate geographic information sources, geographic and scientific visualizations, and geocomputations have been common challenges in scientific research across disciplines. To cope with these challenges in GISc research and education, open source platforms and tools from research communities (e.g., GRASS, Kepler, GeoTools, uDig, PostGIS, pySAL, OpenGeoDa, R-Geo, to name a few) and open GIS standards (e.g., OGC WMS, WFS, WCS, GML, KML standards, etc.) are gaining more attention in building a scientific research infrastructure and introducing more effective teaching tools. This session invites papers on state-of-the-art applications of open source tools & standards in GISc research, and in particular, welcomes papers on best practices in GISc education. Potential topics for this session include, but are not limited to:

- State of the art developments/applications of open source tools & standards in GISc research and education
- Case studies of open source tools & standards implementations: geographic information sharing, energy, resource management, climate change, etc.
- Case studies on the use of open source tools & standards in GISc education

To present a paper in the session:

1. Register and submit your abstract online (<http://www.aag.org/annualmeetings/>).
2. Email your presenter identification number (PIN), paper title, and abstract to s.jang75@csuohio.edu and luc.anselin@asu.edu by **October 26, 2009** (note the AAG abstract deadline is October 28, 2009)

Organizer:

Sung-Gheel Jang (s.jang75@csuohio.edu)

Department of Urban Studies, Cleveland State University

Luc Anselin (luc.anselin@asu.edu)

Director, GeoDa Center for Geospatial Analysis and Computation, Arizona State University