

Call for Papers

Geomatica

Special Issue on “Analytical Geospatial Web Services”

Guest Editors: Songnian Li, Suzana Dragicevic, Bert Veenendaal, and Maria Antonia Brovelli

Aim

This special issue of *Geomatica* is devoted to the theme of web-based GIS and mapping services supporting online spatial analysis. *Geomatica*, the Journal of Geospatial Information Science, Technology and Practice, is the quarterly peer-reviewed journal of the Canadian Institute of Geomatics (CIG). It is dedicated to the dissemination of information on scientific and technical advances in the field of geomatics science and engineering. Papers for this special issue on *Analytical Geospatial Web Services* must present original, state-of-the-art research that contributes to the development of geospatial web services towards a more analytical geospatial web. Discussions on major technical challenges are also welcome, and contributions addressing social and organizational implications of making geospatial web more analytical are strongly encouraged. This is an open call for papers. However, selected papers from the 2nd ISPRS WG IV/5 International Workshop on Pervasive Web Mapping, Geoprocessing and Services will be invited for submission. The workshop will be held on August 10-12, 2011 in Burnaby, British Columbia, Canada. More information about the workshop can be found at:

<http://www.sfu.ca/dragicevic/workshops2011>.

Scope

Potential topics include, but are not limited to, the following:

- Analytical geospatial and geostatistical web services
- Semantics and ontology for spatial analytical web services
- Automatic web geoprocessing and workflows
- 2D/3D visual effects and internet geovisualization
- Intelligent web mapping/GIS services
- Cloud computing for analytical geospatial web
- Design and development issues

Submission guidelines

Papers should be submitted to email: smal@ryerson.ca before the deadline in Microsoft Word format (.doc) and follow the instructions to authors outlined in *Geomatica*. The electronic copy of the instructions to authors can be found at <http://www.cig-acsg.ca/english/geomatica/authors.php>. If the Word document is bigger than 3.0 MB, please submit it to snli213@gmail.com. Each paper should not exceed 9,000 words. The special issue will include a maximum of 8-10 papers.

Important deadlines

Submission of manuscripts

November 1, 2011

Notification of acceptance/rejection	January 15, 2012
Submission of final version	February 15, 2012
Planned publication of special issue	May-June 2012

* An early expression of interest through email is highly appreciated.

Guest editors contact information

Dr. Songnian Li
Department of Civil Engineering
Ryerson University
350 Victoria St., Toronto, ON
M5B 2K3 Canada
Email: snli@ryerson.ca

Dr. Suzana Dragicevic
Department of Geography
Simon Fraser University
8888 University Drive, Burnaby, BC
V5A 1S6 Canada
Email: suzanad@sfu.ca

Dr. Bert Veenendaal
Department of Spatial Sciences
Curtin University
GPO Box U1987
Perth WA 6845, Australia
Email: b.veenendaal@curtin.edu.au

Dr. Maria Antonia Brovelli
DIIAR Department
Polytechnic of Milan
Como Campus, Via Valleggio 11
22100 Como, Italy
Email: maria.brovelli@polimi.it