

**ISPRS WG IV/5**  
**1<sup>st</sup> International Workshop on Pervasive Web Mapping,**  
**Geoprocessing and Services (WebMGS 2010)**  
**August 26-27, 2010, Como, Italy**



### Third Call for Papers

The workshop will take place in Como, Italy from August 26 to 27, 2010. It is the first of a series of ISPRS WG IV/5 workshops aimed at providing a dedicated gathering place and open forum for researchers, professionals, government decision makers and students to exchange and discuss more recent advances in web-based mapping, geospatial information services and applications. The workshop theme, *Sensor Web Enablement and Geoprocessing Services*, encourages diverse topics related to the new web-based development of geospatial theories, technologies and solutions. The workshop is jointly co-organized by ISPRS WG IV/1, WG IV/4, and ICWG IV/II, and sponsored by Politecnico di Milano – Campus Como, Società Italiana di Fotogrammetria e Topografia, and Italian Federation of Scientific Associations for Territorial and Environmental Information. We trust the workshop will provide a good opportunity to share knowledge and experiences not only among the members of the WG IV/5, but also with researchers from a broad community.

#### Workshop Topics:

The workshop is mainly focused on, but not limited to, Sensor Web Enablement and Geoprocessing Services. However, papers covering all aspects of Pervasive Web Mapping, Geoprocessing and Services are of interest for the workshop participants, including:

- Sensor web enablement
- Web-based spatiotemporal information visualization and analysis
- Web-based multidimensional GIS
- Open source solutions and open standards/specifications
- Quality assessment of web-based geospatial information sources, processes and applications
- Geospatial web architecture and system design
- New cartographic theories and interfaces for web mapping
- Location-based search and services
- Geospatial web semantics and ontology
- Adoption of new and advanced web technologies
- 2D/3D visual effects, digital globe and geovisualization on the Internet
- Neogeography and map mashups
- Security, privacy, copyright, use policy and usability

- Intelligent web mapping/GIS services
- Geoprocessing services
- Service chaining and web based geo-processing workflows
- Web-based virtual and collaborative geospatial environments
- Web mapping/GIS for education
- Web-based SDSS and PPGIS
- Mobile and ubiquitous geospatial services and applications

Web resources for validating geospatial information products. The workshop organizers invite researchers, scholars, students, professionals, vendors, users, managers and decision makers to present and discuss the issues and latest trends in distributed and web-based geoinformation services and applications. Particular emphasis will be on sensor web enablement and web geoprocessing services.

#### Abstracts and Papers:

You are invited to submit an abstract of no more than 300 words summarizing original and unpublished research results on the above and other related topics. All submitted abstracts must be written in English and will be refereed for quality, originality and relevance by the Scientific Committee. The accepted abstracts will be notified and a full paper will be expected before the submission deadline. All accepted papers will be included in the workshop proceedings (on CD-ROM). Selected papers, through a peer-review process, will be published in the two planned special journal issues: *Applied Geomatics* and *Transactions in GIS* or possibly other GIS-related journals. It is planned to have workshop proceedings indexed by EI and published as volume of ISPRS - International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences. For more instructions on special journal issues, please check out the workshop website.

Abstract should be emailed to: [geoinfo5@ryerson.ca](mailto:geoinfo5@ryerson.ca) in ODF format (OpenOffice) or Microsoft Word format before March 15, 2010. Template and instruction to authors are available on the workshop website. Papers should be emailed to: [geoinfo5@ryerson.ca](mailto:geoinfo5@ryerson.ca) before June 1, 2010. The paper format and author's guidelines can be accessed at: <http://www.isprs.org/documents/orangebook/app5.aspx>

## Workshop Venue:

The workshop will be held on campus of Politecnico di Milano, Como, Italy. About 45 kilometres north of Milan, Como has been a popular tourist destination since Roman times. It is situated near Switzerland at the southern tip of the south-west arm of Lake Como in a hilly region close to Alps. The historic centre, the so-called old city, is rich in monuments and artworks, located inside the antique medieval walls. Among the most important monuments are: the Broletto, an antique town hall built in 1200, in white, grey and pink marble with stones from the Lake Como quarries; the town's bell-tower; the Duomo built between the end of 1300 and the mid 1700s, which is a fusion of different architectural styles starting from the late Gothic period with the structure up to the Renaissance style of the façade; the Romanesque churches of San Fedele, Sant'Agostino, Sant'Abbondio and San Carpoforo, which, according to tradition, was founded re-using a former temple of the God Mercury. But in Como you can find also modern artworks such as masterpieces of the rationalist architecture. The walk along the lake (experience it at sunset!) is embellished by numerous neoclassical Villas with parks, gardens and secular trees. The valleys near Como are full of opportunities for mountain lovers! And everything is flavoured with traditional Italian cooking and wine.

The workshop program will also include social activities which allow both workshop participants and their accompanying persons to experience the many delights of Como.

**Registration:** (all prices are 20 % VAT included)

	Early (before June 1)	Later (after June 1)	Onsite
Regular Registration	€170	€210	€250
Student Registration	€ 85	€110	€130
Accompany Person	€ 65	€ 65	€ 65
Social dinner*	€ 45	€ 45	--

(\*dinner reservation and payment by July 15, 2010)

Regular and student registration fee includes conference kit, workshop documentation, workshop proceedings on CD, ice breaker reception, morning and afternoon coffee/tea breaks and a guided tour of Como.

The accompanying person fee includes ice breaker reception and the guided tour.

Student registrants must send the corresponding proof of enrolment (student identification or letter from advisor) to the workshop management along with their registration.

At least one author of the accepted papers must be registered in order for the paper to be included in the workshop proceedings and other forms of publication. For your registration you have to complete the registration form online: <http://webmgs2010.como.polimi.it/registration.php>

Payment is to be made by credit card (Visa, Master Card, Euro Card) or bank transfer.

For information concerning registration the contact person is:

Nadia Tansini

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## Cancellation:

Cancellations must be made by writing to the workshop registration contact (Nadia Tansini). In case registration is cancelled before June 30, 2010 an administrative fee of €50 will be deducted and the rest of the registration fee refunded. Cancellations received after June 30, 2010 can not be refunded.

All refunds will be made after the workshop.

If for any reason beyond the control of the Organising Committee, the conference is cancelled, registration fees will be refunded after the deduction of expenses already incurred.

## Important Dates:

Abstract Deadline: 15 March 2010  
Acceptance Notice: 15 April 2010  
Full Paper (camera ready): 1 June 2010  
Deadline for Early Registration: 1 June 2010  
Workshop Dates: 26-27 August 2010

## Contact Information:

### Local Organization:

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For further information and conference updates, please visit the workshop website at: <http://webmgs2010.como.polimi.it>