



## International Workshop on Computational GeoInformatics

in conjunction with

The 2008 International Conference on  
Computational Science and its Applications  
(ICCSA 2008) [www.iccsa.org](http://www.iccsa.org)  
June 30th to July 3rd, 2008  
University of Perugia, Perugia, Italy



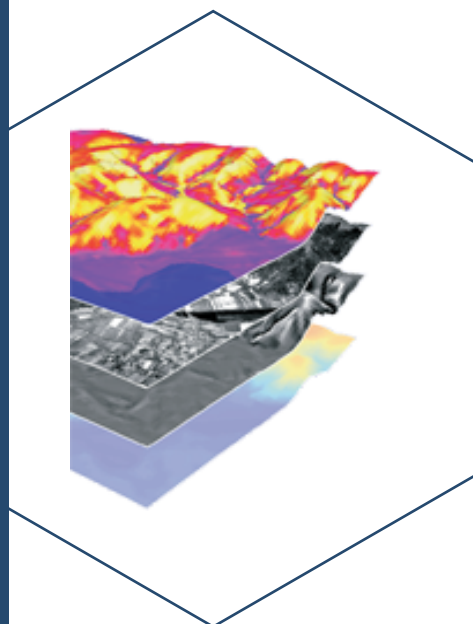
### CALL FOR PAPERS SUBMISSION DEADLINE: February 25, 2008

## Workshop Description

The Computational GeoInformatics workshop is a new workshop within the 2008 International Conference on Computational Science and its Applications (ICCSA 2008). It aims at bringing together researchers and developers from different disciplines working with geospatial information. The workshop focuses on computational aspects of Geographical Information Systems (GIS), more specifically on the management and processing of 2D & 3D spatial data, including temporal aspects and uncertainty.

Topics of interest include, but are not necessarily limited to, the following:

- novel geospatial data processing and management mechanisms
- spatiotemporal data modelling and reasoning
- 3D modelling and GIS
- modelling and analysis of terrains
- modelling uncertainty in geospatial information
- spatial and spatiotemporal statistics
- geospatial and spatiotemporal data mining and outlier detection
- use of computational geometry for GIS problems
- automated mapping and map generalisation
- use of intelligent and dense wireless sensor networks for GIS
- fine-grained, terrestrial monitoring platforms
- geo-visualisation and geo-visual analytics
- visualisation of geospatial uncertainty
- new applications of GIS such as crisis management, environmental monitoring, oceanography, 3D cadastre, traffic management, etc.



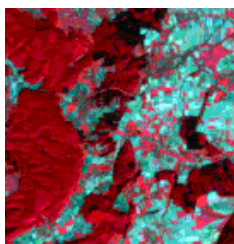
## Submission

We invite you to submit a paper of 10-16 pages (theme paper) formatted in LNCS Springer style. For templates of the paper please consult author instructions from the conference web page (<http://www.iccsa.org/author-instructions>).

The submission must be camera-ready and formatted according to the rules of LNCS. Electronic submissions in PS, PDF, or LaTeX (please also submit all .eps, .dvi, and .ps files). MS Word submissions will also be accepted.

Please submit your paper through the CyberChair electronic submission system, available at <http://cyb08.iccsa.org/>

During submission you will be asked to submit your abstract to the CyberChair: **please don't forget to select CompGeo workshop from the drop-down list of all workshops.**



## Proceedings

Papers accepted to CompGeo'08 will be published in the ICCSA Conference proceedings, in Springer-Verlag Lecture Notes in Computer Science (LNCS) series.

## Important Dates

**February 25th, 2008:**

Deadline for paper submission.

**March 31st, 2008:**

Notification of Acceptance

**April 15th, 2008:**

Camera Ready Papers and Pre-registration.

**June 30 - July 3, 2008:**

ICCSA'08 conference in Perugia (Italy)

## Organising Committee

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**Mir-Abolfazl Mostafavi** (Laval University, Canada)

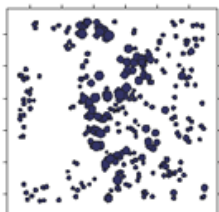
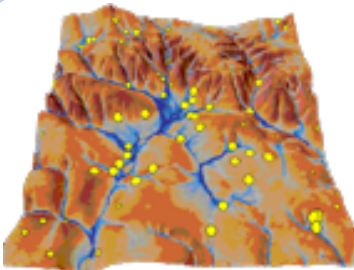
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