



International Workshop on Computational GeoInformatics

in conjunction with

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



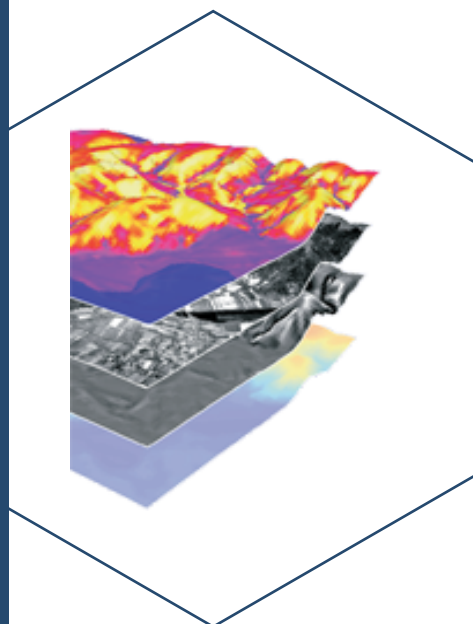
CALL FOR PAPERS SUBMISSION DEADLINE: February 25, 2008

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.



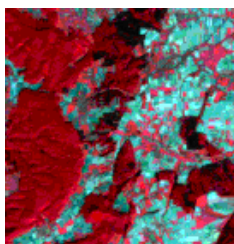
Submission

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

Arta Dilo (Delft University of Technology, the Netherlands)

email: a.dilo@tudelft.nl

Tomislav Hengl (University of Amsterdam, the Netherlands)

email: hengl@science.uva.nl

Hugo Ledoux (Delft University of Technology, the Netherlands)

email: h.ledoux@tudelft.nl

Nirvana Meratnia (University of Twente, the Netherlands)

email: N.Meratnia@ewi.utwente.nl

Program Committee

Peter M. Atkinson (University of Southampton, UK)

Roland Billen (Université de Liège, Belgium)

Gloria Bordogna (Bergamo University, Italy)

Rolf A. de By (ITC, the Netherlands)

Pravesh Debba (University of South Africa, South Africa)

Rodolphe Devillers (Memorial University of Newfoundland, Canada)

Tal Feingersh (Bar-Kal Systems Engineering Ltd, Israel)

Christopher M. Gold (University of Glamorgan, UK)

Michael Goodchild (University of California, USA)

Muki Haklay (University College London, UK)

Gerard Heuvelink (Wageningen University, the Netherlands)

Wolfgang Kainz (University of Vienna, Austria)

Baris Kazar (Oracle Spatial, USA)

Etien Koua (Disaster Prevention & Preparedness Agency UNDP, Ethiopia)

Zhilin Li (Hong Kong Polytechnic University, Hong Kong)

Krzysztof Matuk (Bialystok Technical University, Poland)

Mir-Abolfazl Mostafavi (Laval University, Canada)

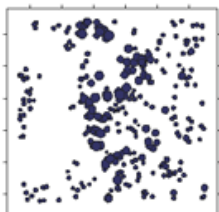
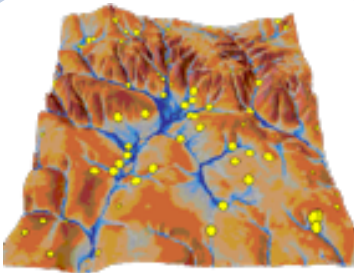
Peter van Oosterom (TU Delft, the Netherlands)

Edzer Pebesma (University of Münster, Germany)

Alias Abdul Rahman (Universiti Teknologi, Malaysia)

Alfred Stein (ITC, the Netherlands)

Sisi Zlatanova (TU Delft, the Netherlands)



Arta Dilo
Delft University of Technology
OTB, Section GIS-technology
P.O. Box 5030, 2600 GA Delft, NL
tel (+31) 15 2783616
fax (+31) 15 2782745