



# GeoInformatics 2012

## Global Change. Adaptation. and Risk Management

15-17 June 2012

The Chinese University of Hong Kong



### SUGGESTED TOPICS

- New developments in early warning systems
- GIS in emergency and crisis management
- GIS in education and business processes
- New trends of technologies and research in GIS community
- Geospatial data sharing and interoperability
- Geospatial web portal, web services and service quality
- Geospatial grid computing
- Analysis-oriented and standards-compliant WebGIS
- Digital gazetteer
- Geo-ontology
- Spatial cognition
- Spatial uncertainty and data quality
- Multi-dimensional (2D, 3D, and 4D) spatial data modeling and data quality
- Spatial workflow and spatial decision support
- Virtual globes and their applications to scientific research, education and daily life
- Satellite positioning technology and location based services (LBS)
- Wireless and mobile GIS solutions
- Processing and application of high-resolution imagery
- Integration of RS, GIS and GPS (3S)
- LIDAR technology for DEM generation and 3D modeling
- Cartographic theory and visualization of geospatial data
- Statistics and application models of spatial data
- Web GIS & internet GIS
- Urban GIS, Government and Public GIS

- Land use / land cover change
- GIS for environment and health
- Geo-spatial computation and simulation
- Environmental criminology and crime simulation
- Climate changes and global environment

### ORGANISERS

- The International Association of Chinese Professionals in Geographic Information Sciences (CPGIS)
- Institute of Space and Earth Information Science, The Chinese University of Hong Kong
- National Remote Sensing Center of China

### CO-ORGANISERS

- State Key Laboratory of Resources and Environmental Information System, Chinese Academy of Sciences
- State Key Laboratory of Information Engineering in Surveying Mapping and Remote Sensing, Wuhan University
- Center for Earth Observation and Digital Earth, Chinese Academy of Sciences
- College of Global Change and Earth System Science, Beijing Normal University
- Ministry Key Laboratory for Virtual Geographic Environments, Nanjing Normal University
- Taiwan Geographic Information System Center
- Department of Geography and Resource Management, CUHK

### PUBLICATION

IEEE Geoscience and Remote Sensing Society (IEEE GRSS)

For details, please visit:

<http://www.iseis.cuhk.edu.hk/GeoInformatics2012> or <http://www.cpgis.org>



## KEYNOTE SPEAKERS



**Prof. Michael Batty**  
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**Prof. Michael F. Goodchild**  
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## IMPORTANT DATES

1 December, 2011	Abstract/Paper submission deadline
20 April, 2012	Notification of acceptance
20 April, 2012	Close of early registration



## CALL FOR SUBMISSION

Authors can choose to submit either extended abstract or full paper (but not both). Authors of accepted extended abstracts or full papers will be invited to give oral presentations at the Conference and their submissions will be included in the CD published by the Conference. Priority will be given to submissions with concrete research results. The length of an extended abstract is 800-1000 words in English. Selected full papers from those presented at the Conference will be included in the EI-indexed Conference Proceedings published by IEEE GRSS. Please see details in the Conference website.

## STUDENT PAPER COMPETITION

CPGIS will organize student paper competition. The top quality papers will be selected as GeoInformatics 2012 Best Student Papers to receive plaques and cash awards, and will be invited to submit a revised to a special journal issue.

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