

Invited speakers

We have the pleasure to announce the participation of the following Invited Speakers:

Alison Brown, Professor at the School of City and Regional Planning, Cardiff University (United Kingdom). Her areas of expertise include planning practice, international planning in emerging economies, and the informal economy. She has overseas experience in Asia, Africa and Latin America.

Bin Jiang, Professor at the Department of Technology and Built Environment of the University of Gävle (Sweden). His research interest is geographic information science and systems, geospatial analysis and modeling, in particular topological analysis of urban street networks in the context of geographic information systems.

Robert Laurini, Distinguished Professor at the Institut National de Sciences Appliquées (INSA-Lyon) in Lyon (France). His main interests are spatial and multimedia information systems with applications to urban and environmental planning, together with telegeoprocessing.

Yap Kioe Sheng, Honorary Professor at Cardiff University, retired from UNESCAP in Bangkok in June 2009. He worked and traveled extensively in Asia and Africa, and has written books and articles on low-income housing.

Conference site

The Conference will be hosted at the Campus of the Faculty of Engineering, University of Cagliari. Plenary sessions will take place in the Aula Magna, and parallel sessions in rooms located within a 3-minute walking distance from there.

Local Scientific Committee

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Introduction and general theme

From 10 to 12 May 2012 the University of Cagliari (Italy) will host the Seventh International Conference on Informatics and Urban and Regional Planning (INPUT 2012), jointly organized by the Departments of Land Engineering of the Universities of Cagliari and Sassari.

Since the first conference, held in 1999, INPUT has represented an opportunity to reflect on the use of Information and Communication Technologies as key planning support tools. It has especially focussed on models, techniques, and tools used to support planning processes, paying special attention to case-studies and shedding light on issues related to democracy, efficiency, sustainability, and equity in planning.

The general theme of INPUT 2012 is *Planning support tools: policy analysis, implementation and evaluation*.

After two decades characterized by the blooming of methods, technologies, and applications, researchers are now facing the complex issue of selecting, adapting, and integrating appropriate tools for specific stages and tasks in planning. New technologies play a prominent role in the innovation of planning theory and practice, as they affect every phase of the process: knowledge building, preliminary studies, design, decision, implementation, and monitoring.

Scholars and practitioners are invited to submit their contributions on innovative experiences within the framework of the general theme and in the light of cross-cutting technology domains, such as GIS, models, geo-visualization, and web 2.0.

Topics

Full-paper proposals are invited with reference to the following non-exclusive list of topics.

Evaluation and planning

- Assessment and planning for sustainable development in cities and regions
- Issues of development and under-development in the globalizing world
- Evaluation of structural funds programmes of the European Union
- Assessment of urban and regional development policies
- Evaluation of consensus and conflicts
- Community engagement in planning and plan assessment
- Urban and regional accessibility and planning
- Equity and disadvantage in planning

Strategic planning

- Spatial strategies
- Strategic planning processes
- Strategic planning tools and approaches
- The project cycle management approach to urban and regional strategic planning
- Weaknesses and key issues in strategic planning

Planning for cultural heritage

- Landscape planning
- Urban renewal
- Brownfield regeneration
- Waterfront renewal

Data sources for planning

- Spatial Data Infrastructure (SDI)
- Volunteered Geographical Information (VGI)
- Remote sensing

Rural development and planning

- Rural-metropolitan interface analysis and planning
- Deprivation analysis and planning
- Rural landscape planning

Models in planning

- Neural networks
- Cellular automata
- Multi-agent systems
- Complex networks
- Data mining
- Commuting modeling and planning

Decision aid and planning

- Spatial multicriteria analysis
- Planning Support Systems (PSS)
- Spatial Decision Support Systems (SDSS)

Editorial notes for authors

Authors are requested to submit manuscripts written in English and edited following the *Notes for prospective authors* available at www.input2012.it. A paper template is also available on the conference website, together with information on how to format and submit your paper.

Full papers must be submitted no later than
January 15, 2012.

Selection and publication

The selection of papers will be based on a double-blind review process. Accepted papers will be published in an international e-book with ISBN, provided that the author (or at least one co-author) has sent his or her proof of the payment of the conference fee by March 20, 2012. A maximum of two papers per registered (co-) author will be accepted.

Important dates

January 15, 2012	Submission of full papers
February 28, 2012	Notification of acceptance
March 20, 2012	Submission of revised versions of accepted papers
March 20, 2012	Deadline for payment of the fee for inclusion of the paper in the e-book
March 31, 2012	Deadline for early bird registration
May 10-12, 2012	INPUT 2012

Registration fees

	Until March 31, 2012	From April 1, 2012
Ordinary	€ 150	€ 200
Reduced	€ 80	€ 100
Social dinner	€ 30	

The registration fee includes a copy of the proceedings e-book.

For further information, please visit

www.input2012.it

