

# CALL FOR PAPERS

## 21<sup>st</sup> IAPS conference

“Vulnerability, Risk and Complexity: Impacts of Global Change on Human Habitats”,

- Under the patronage of the Prime Minister of the Free State of Saxony,  
Stanislaw Tillich

**Dear colleagues,**

we cordially invite you to contribute to the 21<sup>st</sup> IAPS conference “Vulnerability, Risk and Complexity: Impacts of Global Change on Human Habitats”. The event will take place in Leipzig, Germany, at the Helmholtz Centre for Environmental Research – UFZ, from 27 June to 2 July 2010.

In accordance with the IAPS mission ([www.iaps-association.org](http://www.iaps-association.org)), the conference will address the study of the interrelations between the social, the built and the natural environment and the impacts on them by what is called ‘global change’. This includes climate impacts, environmental risks, but also new demographic challenges and uneven economic developments. Human habitats are facing social, economic, man-made, natural and climate-induced risks, and they are vulnerable to a variety of crises and stresses. These new and complex challenges encourage looking for new scientific approaches directing on comprehensive and integrative problem solutions that can help to strengthen local and social resilience. Hence, sophisticated theories, innovative methods and appropriate empirical foundations are needed. Research should ideally integrate the social, natural and engineering, or planning sciences as well as architecture and should work in a transdisciplinary manner. This includes the close collaboration with representatives of the civil society, such as Local Agenda 21 initiatives, the economy, the private sector, NGOs and political decision makers. The conference will be interested primarily in urban areas and regions which have to cope with processes of simultaneous shrinkage and growth.

**The contributions should address at least one of the following essential questions:**

- What does global change imply locally for people-environment relations?
- Vulnerable places and vulnerable people: How do climate, environmental, demographic and economic changes interact?
- Are cities specific ‘risk habitats’ in the course of global change, and are they especially affected?
- How can be ensured the liveability and functionality of human habitats under the conditions of global change?

**Contributions are expected to present research that relates to any of the following conference topics:**

- 1 *Vulnerability and resilience in human habitats*
  - 1.a Vulnerabilities of human habitats and ecosystems to global change
  - 1.b Impacts of extreme weather events on communities: preparedness, coping and response
  - 1.c Individual, social and ecological resilience
  - 1.d Governance and integrated strategies for adjustment and adaptation to global change

- 2 *Urban development and design – adapting to global change*
  - 2.a Demographic change and its challenges for urban development
  - 2.b Appropriate architecture – urban design for dynamic cities
  - 2.c Identity in the built environment
  - 2.d Ecological urban design and green building
  
- 3 *Sustainable spatial and infrastructure planning*
  - 3.a Sustainable use of scarce resources in urban and peri-urban environments
  - 3.b Ecological principles for urban planning
  - 3.c Sustainable transportation in urban regions
  - 3.d Revitalisation strategies for post-industrial landscapes and inner-city brownfields
  
- 4 *Methodological challenges*
  - 4.a Interdependencies between temporal dimensions and spatial scales
  - 4.b Scenario planning and backcasting: strengths and limits
  - 4.c Human behaviour change: instruments, methods, surroundings
  - 4.d New methods to tackle and reduce complexity: modelling, simulation and visualisation of people-environment interactions
  
- 5 *Raising risk awareness*
  - 5.a Communication and education for promoting awareness of climate change
  - 5.b Risk perception and strategic risk assessment
  
- 6 *Human health at risk*
  - 6.a Ecosystem health and human health
  - 6.b Emerging infectious diseases: dealing with health risks in densely populated areas

**Registration and submission of abstracts** will be handled via an **online procedure**. For abstract submission it is necessary to register first.

**The meaningful abstract shall include a minimum of 3000 characters but not more than 4000, including blanks. Please indicate a conference topic and the related subtopic (1.a – 6. b) to which your presentation wants to contribute.**

Deadline for abstract submission is extended until 29 November 2009.

**Authors will receive notification of acceptance by 31 January 2010.**

The Scientific Committee invites submission of abstracts for contributions for:

- a. individual oral presentation to thematic sessions on one of the conference topics
- b. symposium as entire thematic session (chair and proposed presentations)
- c. poster session
- d. presentation at young researchers workshop with individual contributions from on-going PhD work, chaired by a senior colleague.

Proposals for a symposium must include the title, a description of the symposium content, name of all contributors and the title of their proposed oral presentations – if they are known at this point. If you intend to submit a contribution to a proposed symposium, please include an abstract and the title of the respective symposium. Please note that all contributors to submitted symposia need to register individually.

Furthermore, in the conference programme round table discussions, network meetings and thematic excursions will be included. The scientific programme will be framed by a social programme.

For more information on the conference theme, relevant dates, fees, venue, etc., please visit our **conference homepage [www.iaps2010.ufz.de](http://www.iaps2010.ufz.de)**

We are looking forward to hearing from you soon!

On behalf of the Scientific Committee

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On behalf of the Organizing Committee

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