

**15th Annual International Sustainable Development Research Conference  
July 5-8, 2009**

***"Taking up the Global Challenge: Analysing the implementation of  
innovations and governance for Sustainable Development"***

**CALL FOR PAPERS**

**(Provisional Version)**

**Track nr 2C:** *Climate Change and Adaptation Strategies: Preparing for sea level rise, flooding and droughts*

**Track chair:** Prof. Pier Vellinga (Wageningen University / Free University Amsterdam, the Netherlands)

In its latest assessment report, the Intergovernmental Panel on Climate Change (IPCC) concluded that the global climate change will lead to further sea level rise and will increase the severity and frequency of weather-related natural hazards such as storms, floods and droughts, will threaten the existing socio-ecological systems and lower reliability of water supply. It is therefore important to begin now the discussion on how to avoid or reduce possible damage by developing resilient coastal, agricultural and urban systems, able to cope effectively with climate change, in particular floods and droughts.

From the sustainable development perspective, increasing the resilience of coastal, agricultural and urban systems to climate change will require to:

- Upgrade the existing safety standards and disaster risk reduction tools
- Ensure the sustainability of investments, making them climate proof
- Introduce new, innovative protection measures and land use practices
- Protect and restore ecosystems that provide critical resources and services
- Protect fresh water availability and quality

In addition, all adaptation strategies should preferably have synergies with sustainable development goals, be efficient and effective and take into account the high degree of uncertainty, accompanying current climate projections.

Authors are invited to submit high-quality research papers describing the latest research and developments in the above-mentioned or other related areas.

Please look at the detailed instructions and deadlines for submitting your abstract and paper, using the Submission & guidelines button at the left side.