

**ICWRER conference, Koblenz 2013**  
**Session abstract**

Title:

Meeting Water Security Challenges through Scientific Cooperation

Conveners:

Anil Mishra, UNESCO

Siegfried Demuth, UNESCO

Human activities have disrupted the natural hydrological and ecological regimes. Besides, the societal and environmental challenges linked to water-related issues are staggering in many cases. Moreover the vulnerability of societies have increased and the number of fatalities as well as the economic damages caused by water-related disasters, such as floods, droughts and landslides is dramatically increasing worldwide. To deal with the complex, global and climate change, population growth, uncontrolled urban expansion, and land use changes holistic, multidisciplinary and environmentally sound approaches to water resources management is necessary to address water security challenges.

The session will emphasize the importance of scientific cooperation, and connect scientific research, policy development and action, and develop a set of recommendations.

**Key words:** Water security, Global and Climate Changes, Scientific Cooperation