

**ICWRER conference, Koblenz 2013**

**Session abstract**

Title: Integrated Multi-Disciplinary Analysis: A Necessity for Holistic Understanding of Water Resources Management Problems

Convener:

Kaveh Madani, University of Central Florida

Description: Water resources systems are comprised of interacting and dynamic social, economic, political and bio-physical subsystems. Successful management of water resources systems requires an integrative approach that provides a holistic understanding of these complex systems and the evolving dependencies of their subsystems. This session provides a forum for discussing the advances in integrated multi-disciplinary water resources systems analysis, planning and management that enhance decision-making, conflict resolution, and sustainable development in a changing world. Applications integrating hydrological, social science and economic perspectives are particularly welcome.