

Panel Discussion: Sharing Water in Times of Stress and Scarcity

Panelists:

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Abstract. The Roundtable discussion attempts to address key issues associated with the challenges for planning and managing of water resources in a more comprehensive manner. The task becomes more complex as new concerns with climate change and extreme hydrological events call for new types of research and implementable action. We are called upon to address the combination of hydrological data, information and knowledge with the on-going advances of long term integrated water resources planning and management. The discussion revolves around the emerging paradigm of a synthesis combining integrated, interdisciplinary, comprehensive, participatory, and anticipatory elements. The concern of moving beyond risk analysis to more complex models of vulnerability assessment forces us to consider a new water culture associated with complexity, volatility, and, rapid socio-economic changes.

To discuss and initiate an audience interactive discussion, four panelists will make brief presentations in order to set up the stage for outlining as to what knowledge is needed for an efficient and effective combination of addressing the new challenges of scarce water resources.