

## HS5.1.2 – Water resources policy and management - systems solutions in an uncertain world

Monday 6 May, 16:15 – 18:00 (CET)

		<b>PRESENTER</b>	<b>Title/Topic</b>
<b>D178</b>	9 min	<b>Jay R. Lund</b>	Modeling portfolio solutions for modern water systems with uncertain changes
<b>D180</b>	7	<b>Josue Medellín-Azura</b>	A Multi-Objective Framework for Agricultural Production and Water Use in California's Greater Kern Region under Groundwater Sustainability Regulations
<b>D192</b>	7	<b>Amaury Tilmant</b>	Trade-off, vulnerability and power asymmetry in the Senegal River basin
<b>D196</b>	7	<b>Antonio Bolinches</b>	Setting the threshold: An analysis of different approaches for the definition of exemptions to water quality objectives in the European Union
<b>D205</b>	7	<b>Tohid Erfani</b>	Endogenous and Exogenous Uncertainty in Adaptive Water Resource Planning
<b>D188</b>	4	<b>Armine Hakobyan</b>	Delineation and Characterisation of GW Bodies, Design of a GW Monitoring Network and Development of a national methodology for assessment of GW natural resources in mountainous regions in the Hrazdan and Sevan River Basin Districts under EUWI+
<b>D191</b>	4	<b>Boris Iurciuc</b>	Delineation of groundwater bodies and design of a monitoring network in the Danube Prut and Black Sea River Basin District in Moldova under EUWI+
<b>D197</b>	4	<b>Rodrigo Valencia</b>	Drought and water management in the German agricultural sector - a participatory system dynamics approach
<b>D199</b>	4	<b>Leonardo David Donado</b>	Optimization of an Integrated Water Resources Model in tropical regions
<b>D200</b>	4	<b>Nana Kitiashvili</b>	Fresh Groundwater Monitoring in Georgia, EUWI+ project support to Georgia in implementing the EU Water Framework Directive and improve the monitoring network
<b>D183</b>	7	<b>Mohammed Basheer</b>	Multiple constraints and objectives should inform the negotiated filling of the Grand Ethiopian Renaissance Dam
<b>D187</b>	4	<b>Héctor González López</b>	Tradeoffs in water extremes: combining hydraulic and economic modeling to assess the economic and financial viability of de Lastras de Cuéllar Dam, Spain
<b>D193</b>	4	<b>Fabio Delle Grazie</b>	Ecosystem services provided by groundwater dependent wetlands (turloughs) in karst areas

D194	7	Bramka Arga Jafino	A two-stage approach for assessment of distributional impacts in model-based delta planning: exploration of plausible inequality patterns and justice-based evaluation of policies
D203	7	Sharlene L. Gomes	<b>Building upon existing adaptive capacity and resilience for sustainable water resource management in an uncertain world</b>
D181	7	Conrad Jackisch	How to inform decision making under uncertainty? Quantifying and evaluating different sources of uncertainty in environmental modelling
D182	7	Jazmin Zatarain Salazar	Robust Infrastructure Sequencing and Management for Growing Food Energy and Water Demands in the Zambezi River Basin
D184	7	Nilo Lima	Zooming into the water users: A multi-scale, interactive participatory approach to co-develop Water Management Plans in Bolivian River Basins
D198	7	Alessandro Amaranto	Disentangling Sources of Future Uncertainties for Water Management Policies in a Subtropical Water System