

Integrated Water and Environment Management Based on ET/EC/ES Target Values

Session Number: SS-1-17

Date & Time: Sept 12, 16:00-17:30

Location: Room 11

Lead Organiser: Tsinghua University

Co-organiser: China Irrigation and Drainage Development Center , Foreign Environmental Cooperation Center, Ministry of Ecology and Environment, China

Moderator: Zhongjing Wang, Tsinghua University, Professor & Ningxia University, Vice President; Quanjun Wang, The University of Melbourne, Professor & Tsinghua University, Distinguished Visiting Professor

Speakers	Title
Prof. Yuting Yang , Associate Professor, Department of Hydraulic Engineering, Tsinghua University, China	Potential evaporation and the Complementary Relationship
Prof. Haifeng Jia , Professor, Faculty of Environment, Tsinghua University, China	Environmental Capacity Determination for Effective Water Resources Management
Dr. Giri R Kattel , Senior Fellow, University of Melbourne, Australia	How resilient are waterways in river basins of Asian Himalayas?
Dr. Yujia Shi , Doctoral Candidate, Department of Hydraulic Engineering, Tsinghua University, China	ET/EC/ES Coupling and Application to “Basing four aspects on water resources”
Prof. Quanjun Wang , Professor, Department of Infrastructure Engineering, The University of Melbourne, Australia	Physics-guided statistical modelling of flood inundation for rapid deployment
Dr. Caijin Zhang , PhD Candidate, Department of Hydraulic Engineering, Tsinghua University, China	Estimation of spatiotemporally continuous daily ET of high spatial resolution and irrigated water use across the North China Plain
Prof. John Langford , Fellow of the Australian Academy of Technological Sciences and Engineering, The University of Melbourne, Australia	The challenges of achieving best practice integrated river basin management.