

Scientific Recognition: Water

Awards

Taher Kahil

- 2017 extraordinary award for best PhD thesis in economics, University of Zaragoza, Zaragoza, Spain
- Centre for Sustainability Governance (CSG) Grant for research collaboration, University of South Australia, Adelaide, Australia

Yoshihide Wada

- European Geoscience Union Arne Richter Award for Outstanding Early Career Scientists 2017
- Ministry of Education, Culture, Sports, Science and Technology of Japan (MEXT)/ National Institute of Science and Technology Policy NICE STEP (NISTEP) Award 2017
- Dutch Hydrological Society Hydrology Prize 2013-2015 (NHV Hydrologieprijs 2013-2015) 2017

Invited lectures

Robert Burtscher

- Update on Water Futures and Solutions Initiative, Meeting organised by the Austrian Ministry of Foreign Affairs, Vienna, Austria, April 2017
- Water Futures and Solutions Initiative, Opportunities for African Lake and River Basin Organisations, Workshop organised by the African Ministers' Council on Water (AMCOW), Dar es Salaam, Tanzania, July 2017
- Water Futures and Solutions Initiative, Exploring opportunities of collaboration, Workshop organised by the Ugandan Ministry of Water and Environment, Entebbe, Uganda, July 2017
- Together with Yoshihide Wada: Water Futures and Solutions Initiative and Groundwater depletion embedded in international food trade, Lecture organised by the Austrian Development Agency, Vienna, Austria, November 2017
- Nexus Water-Food-Energy, at the autumn meeting of the Austrian Red Cross, Vienna, Austria, December 2017

Edward Byers

- Multi-sector climate impacts assessment for water, energy, and land. 2017 ISIMIP workshop, Plenary presentation at the Potsdam Institute for Climate Impacts Research, Potsdam, Germany, October 2017

Taher Kahil

- Global hydro-economic modeling, Keynote Talk, Research Institute for Humanity and Nature (RIHN)– IIASA Joint Seminar, Kyoto, Japan, May 2017

Simon Langan

- Water Futures and Solutions Planetary Emergencies, World Federation of Scientists 50th Session, Erice, Sicily, August 2017
- Water Futures and Solutions Initiative, Griffith University, Brisbane, Australia, January 2017
- Water Futures and Solutions in Asia, Keynote for Special Session, Water Security and Climate Change in Asia, XVI World Water Congress, Cancun, Mexico, May 2017
- The use of models for scenarios to support water sustainability, Speaker and panel member, Contributions of Earth Observations and Models to Improved Water Sustainability, Stockholm World Water Week, Stockholm, Sweden, August 2017

Yoshihide Wada

- Towards integrated solutions for water, energy, and land using an integrated nexus modeling framework, Keynote Talk, Research Institute for Humanity and Nature (RIHN) 12th International Symposium: Trans-scale Solutions for Sustainability in Kyoto, Japan, December 2017
- Opportunities and constraints for improved water resources management under increasing hydrological extremes, 2017 American Geophysical Union (AGU) Fall Meeting, Abstract GC54B-02 (Invited), New Orleans, USA, December 2017
- Towards integrated solutions for water, energy, and land using an integrated nexus modeling framework, AGU Fall Meeting, Abstract GC31E-1039 (Invited), New Orleans, USA, December 2017
- Who is eating up the world's aquifers? Groundwater depletion embedded in international food trade, Keynote Talk, Austrian Development Agency (ADA) Seminar Series, Vienna, Austria, November 2017
- Science contributions to the SDGs and the Paris Agreement, Keynote Talk, Knowledge Forum on Water Security and Climate Change: Innovative solutions for sustainable water resources management, UNESCO HQ, Paris, France, October 2017

- Global water use modeling with IIASA Community Water Model, Keynote Talk, Workshop on: Water Quality: A new challenge for global scale modeling in Wageningen, Wageningen University, The Netherlands, September 2017
- Water Futures and Solutions Initiative: Opportunities and constraints for improved water resources management using different lenses and scales, Keynote talk, School of Geographic Sciences, East China Normal University–IIASA Joint Seminar, Shanghai, China, June 2017
- Global groundwater storage variation modeling using a global hydrological model, Keynote talk, China's Second Symposium on GRACE and Hydrology in Beijing, Tsinghua University, China, June 2017
- Water Futures and Solutions Initiative, Keynote talk, Research Institute for Humanity and Nature (RIHN)–IIASA Joint Seminar, Kyoto, Japan, May 2017
- Challenges and opportunities for global groundwater research, Keynote lecture, The International Association of Hydrogeologists (IAH) and Japan Association of Groundwater Hydrology (JAGH), Nihon University, Tokyo, Japan, May 2017
- Water Futures and Solutions Initiative: Opportunities and constraints for improved water resources management using different lenses and scales, Keynote talk, Hydrology Delivers Earth System Sciences to Society 4 (HESSS4), The University of Tokyo and GEWEX, Tokyo, Japan, May 2017
- Sustainability of global water use: An integrated water resources modeling framework to assess surface water and groundwater overuse, Seminar talk, Geophysical Fluid Dynamics Laboratory, Princeton, New Jersey, USA, April 2017
- Fate of water pumped from underground causing sea level rise, Seminar talk, NASA Goddard Institute for Space Studies, New York, USA, April 2017
- Water Futures and Solutions Initiative: Linking global assessments to policy dimensions, The World Bank ECA water team retreat in Vienna, Austria, February 2017
- Human water consumption intensifies hydrological drought worldwide, Netherlands Hydrology Society (NHV) Hydrology Award Presentation, NHV Annual Meeting, Utrecht, The Netherlands, January 2017

Laixiang Sun

- Employing robust-decision-making perspective to guide the evaluations of alternative options in mitigating flooding risks posed by extreme events under future climate change–taking Shanghai as an example, invited keynote presentation at the International Summit Forum on Engineering Science and Technology, Chinese Academy of Engineering & the 20th Anniversary of PACE Association, Beijing Conference Center, August 2017
- Urban flooding issues in China Urban, invited keynote presentation at “No More Atlantis” International Conference in Celebration of the 350th Anniversary of Lund University, Sweden, November 2017

Organized events

Robert Burtscher

- Water Futures and Solutions Initiative at the scientific conference of the Lake Victoria Basin Commission, Mwanza, Tanzania, February 2017
- Water Futures and Solutions Initiative at the Technical Advisory Committee meeting of the African Ministers' Council on Water (AMCOW), Dar es Salaam, Tanzania, July 2017
- Science to Policy at the Africa Focus Day of the African Ministers' Council on Water (AMCOW) at the Stockholm World Water Week, Sweden, September 2017
- Solutions for a water secure East Africa in 2050. Workshop on mid- to long-term water resources management and planning in Eastern Africa, 3-days workshop cohosted by IIASA and the Ugandan Ministry of Water and Environment, Entebbe, Uganda, December 2017

Edward Byers

- Working with big, multi-dimensional geoscientific datasets in Python: A tutorial introduction to xarray. Convener of Short Course at General Assembly of the European Geosciences Union, Vienna, Austria, April 2017

Simon Langan

- Opportunities and Limits to Water Pollution Regulations Seminar, Stockholm World Water Week, Sweden, August 2017
- Special session Water Futures and Solutions – XVI World Water Congress, Cancun, Mexico, May 2017

Laixiang Sun

- SESYNC Workshop on Linking local consumption to global impacts – Carbon Neutral Pathway, The National Socio-Environmental Synthesis Center, Annapolis, Maryland, USA, January 2017

Yoshihide Wada

- Primary convener for the session Global and regional water-food-energy security under changing environments, American Geophysical Union (AGU) Fall Meeting, New Orleans, USA, December 2017
- Coconvener for the session Progress in large-scale modeling and remote sensing of the water cycle toward better human water management, AGU Fall Meeting, New Orleans, USA, December 2017
- Coconvener for the session Water and Society: Modeling Food-Energy-Water Nexus for Sustainable Resource Management, AGU Fall Meeting, New Orleans, USA, December 2017
- Coconvener for the session Regional- to Global-scale Water Cycle Observation and Modeling Under the Changing Environment, Asia Oceania Geosciences Society (AOGS) 14th Annual Meeting, Singapore, August 2017
- Primary convener for the session Sustainable global groundwater management for human security, Japan Geoscience Union (JpGU) and the AGU Joint Meeting, Makuhari, Japan, May 2017
- Coconvener for the session HS1.15 Recent advancement in estimating global, continental and regional scale water balance components, European Geosciences Union (EGU) General Assembly in Vienna, Austria, April 2017

Barbara Willaarts

- Integrated Solutions for Water, Energy, and Land-Annual Project Steering Committee Meeting
- IIASA Session on Applying nexus approach to generate new synergies and resolve trade-offs for the Zambezi basin-wide planning, II Zambezi Basin Stakeholder Forum, Lusaka, Zambia, September 2017

Advisory boards**Robert Burtscher**

- Selection committee for the Austrian Neptun Water Award in the category of WaterGlobal, Austria, March 2017
- Contributions to the drafting process of the strategy on water development of the Austrian Development Cooperation, Autumn 2017

Simon Langan

- Theme Coordination Group, 8th World Water Forum

Laixiang Sun

- Fellow (Academician) of the Academy of Social Sciences (AcSS), UK
- Expert Advisor, China Federation of Returned Overseas Chinese, China
- Executive Chairman of the Academic Committee, Shanghai Climate Change Research Centre, Shanghai, China

Editorships**Julian Hunt**

- Guest Editor for the Special Issue: Technological Innovation for Sustainable Development, *International Journal of Innovation and Sustainable Development*

Laixiang Sun

- Editorial Board Member, *Management Decision*
- Editorial Board Member, *Journal of Chinese Economic and Business Studies*
- Editorial Board Member, *Journal of Resources and Ecology*

Ting Tang

- Editorial Board Member, *New Water Policy and Practice Journal*

Yoshihide Wada

- Associate Editor, *Hydrological Research Letters*
- Associate Editor, *Water Resources Research*