

Special Sessions – AWRA 2013 Annual Water Resources Conference  
Portland, OR, 4-7 November

- 1) Reservoir Operation – Arturo Leon, OSU
- 2) Reservoir Water Quality Impacts and Modeling Approaches – Scott Wells, Portland State University
- 3) Bringing the Cloud to the Field – Matt Deniston, Sitka Technology Group
- 4) Advances in Low Impact Development (LID) Approaches for Stormwater Management – Scott Kindred, Aspect Consulting LLC
- 5) Drinking Water Protection Efforts in the Pacific Northwest – Kristel Fesler, City of Hillsboro, OR
- 6) Application of Ecosystem Services in Floodplain Management and Restoration Projects – Felix Kristanovich, ENVIRON
- 7) Urban Watershed Management through the Ecosystem Services Lens: Benefits, Distortions and Cross-pollinations – Zbigniew Grabowski and Marissa Matsler, Portland State University
- 8) Does Ownership Matter? Hydrologic Ecosystem Services Across the Landscape – Jodi Schoenen, Portland State University
- 9) Water Scarcity and Security – May Wu, Argonne National Laboratory
- 10) Groundwater Governance – Sharon Megdal, Arizona Water Resources Research Institute, U of AZ
- 11) The Headwater Tributaries of the Columbia River Basin – Effects of Post 2014 Columbia River Treaty on Their Management and Economics – John Tracy, U of Idaho
- 12) Zero Net Nutrient Watersheds - Treating Pollutants as Scarce Resources in Watershed Management – John Tracy, U of Idaho

13) Integrating Economic Behavior into Models for Water Management and Planning – John Tracy, U of Idaho

14) Sediment, Geomorphology, and Society – Kyle Juracek, USGS

15) Symposium on Collaborative Modeling for Decision Support – Advancing Water Planning for 30 Years – Lisa Bourget, USACE-IWR, Brian Manwaring, US Institute for Environmental Conflict Resolution, Allyson Beall, Washington State University, Vincent C. Tidwell, Sandia National Laboratories

16) Watershed Scale Hydrologic Response to Projected Climate Change – John Risley, USGS

17) Transboundary River Governance - The Columbia River Treaty 2014/2024 Review – James Ruff, NW Power and Conservation Council

18) Environmental and Related Impacts of Shale Gas Development: Case Study of the Barnett Shale Play – Ari Michelsen, Texas A&M

19) Practical Applications of Resilience Thinking in Water Resources Management – Brian Chaffin and Dan Calvert, OSU

20) Aquatic Invasive Species in the Pacific Northwest: Holding Back the Flood – Angela Strecker and Mark Sytsma, Portland State University

21) A Bold Experiment: Lessons from Integrated Water Planning in Washington State – Andrew Graham, HDR, and Bill Zachmann, Washington State Department of Ecology

22) Ethical Considerations in Water Resources – David Garen, USDA-NRCS, David Groenfeldt, Water- Culture Institute, and Michael E. Campana, Oregon State University

23) Hydrophilanthropy – Michael E. Campana, OSU

24) Climate Change Impacts on Water Resources – Paul Pickett and Victoria Leuba, WA Department of Ecology and Mark A. Anderson, CH2M Hill

25) The Columbia River: a Sense of the Future – Barbara Cosens, U. of Idaho

26) The Columbia River Basin Water Management Program: How State Investment and Stakeholder Engagement are Producing Results – Steven M. Thurin, HDR, Derek Sandison, WA Department of Ecology, Michael Garrity, American Rivers

27) Watershed Management for Climate Change Adaptation - Korea Water Resources Association-AWRA Joint Special Session – Boosik Kang, KWRA, Michael E. Campana, AWRA

28) Developing Forward-Looking Flood and Drought Policy: US Case Studies - Wayne Wright and Donald Duke

29) Aquifer Storage and Recovery and Managed Aquifer Recharge: Solution to Sustainability? - Michael E. Campana, Oregon State University

30) IWRM: When Policies Collide - Brenda O. Bateman, Oregon Water Resources Department