

## 2019 RiverWare User Group Meeting

Wednesday August 28, 2019	
7:30–8:00	Registration, Check-in, and Continental Breakfast
8:00–8:20	Welcome, Introductions, and Logistics
8:20–8:35	RiverWare News and Updates—CADSWES
8:35–9:00	New Features: Model Comparison, Windowing and Workspace, Browser-based Online Help—CADSWES
9:00–9:20	Colorado River Salinity Modeling for Minute No. 242 Salinity Differential <i>Steve Setzer, Taylor Adams—Hydros Consulting; Bureau of Reclamation, Yuma Area Office</i>
9:20–9:40	Using RiverWare to analyze the impacts of high Frequency versus Low Frequency climate change hydrology sequences in the Truckee Carson Basin <i>Shane Coors—Precision Water Resources Engineering</i>
9:40–10:00	RiverWare on the Snake River Plain <i>Timothy J Brewer, PE, D.WRE—Idaho Power</i>
10:00–10:30	Break and Networking
10:30–10:40	Scripts, Accounting and Performance Improvements—CADSWES
10:40–11:05	Arkansas Basin RiverWare Model—Putting RW's Flexibility to the Test with Complex Water Rights & Subaccounting AND An Application to Support Pueblo Water's Water Rights Change Cases <i>Todd Vandergrift—Precision Water Resources Engineering; Emily Logan—Pueblo Water</i>
11:05–11:25	Tacoma Water's Yield, Supply and demand Model for Analyzing reliability of the water supply system <i>Tacoma Public Utilities and HDR</i>
11:25–11:45	Developing new operating policies in Tarrant Regional Water District model, and integration with hydraulics and cost optimization models <i>Laura Blaylock—Tarrant Regional Water District, and Nick Mander—Hydros Consulting Inc.</i>
11:45–12:00	RiverWISE for Stakeholder Engagement—CADSWES
12:00–1:30	Lunch - Provided
1:30–1:50	RiverSMART, Cloud Computing, Excel DMI—CADSWES
1:50–2:10	Applying RiverSMART to Automate Model Development Testing for the Colorado River Basin Mid-term Operations Mode <i>Sarah Baker, Alan Butler, Shana Tighi, Alexander Pivarnik, Balaji Ramakrishnan, Conor Felletter, Genevieve Allan, Heather Patno, Beau Uriona, Nathaniel Todea—BOR/UC &amp; LC</i>
2:10–2:30	Lessons learned while implementing an Operations Model of the Klamath Project <i>Marketa McGuire, Dan Broman—BOR/TSC; Jason Cameron, Dave Felstul, Baker McDonald—BOR/KBAO; David Neumann, Edith Zagona, Mitchell Frischmeyer—CADSWES</i>

2:30–2:50	Using a RiverWare model to improve reservoir operations in three easy steps <i>Jordan S. Lanini—Bureau of Reclamation</i>
2:50–3:05	Borg-RiverWare MOEA—CADSWES
3:05–3:25	Break and Networking
3:25–3:45	New DMI Development to Support Exploration of Many Objective Robust Decision Making Applications in the Colorado River Basin <i>Rebecca Smith, Jessie Khaya—BOR/LC</i>
3:45–4:05	Smart Searching for Practical Cooperative Management of the Nile <i>Kevin Wheeler—University of Oxford</i>
4:05–4:30	New Physical Process Modeling Features: Deep Aquifer Modeling; 5, 15-min timesteps; Flow/Volume Display; Plotting, Output Canvas; RPL Enhancements—CADSWES
4:30–5:00	Training, Licensing, Issue-Tracking, Releases, Software Maintenance—CADSWES
Happy Hour 5:30–7:00 on the patio at Roadhouse Boulder Depot ( <a href="http://roadhouseboulderdepot.com">http://roadhouseboulderdepot.com</a> ) CADSWES will provide light appetizers.	

Thursday August 20, 2019	
7:30–8:00	Continental Breakfast
8:00–8:20	Overview of RiverWare Hydropower Optimization—CADSWES
8:20–8:45	TVA River Management Overview and RiverWare Integration <i>Melissa Lindquist, Gabriel Miller—TVA</i>
8:45–9:10	Combining Optimization and Rulebased Simulation to Guide Grant County PUD Hydropower Operations <i>Mike Frantz—Grant County PUD; Mitch Clement, Tim Magee—CADSWES</i>
9:10–9:35	Optimizing Flex Spill on the Columbia River for BPA Short Term Planning <i>Shane Mosier, Anna Stermer, John McCoskery—Bonneville Power Administration; Mitch Clement, Tim Magee—CADSWES</i>
9:35–9:55	Integration with USACE CWMS, RTS, WAT; Deltares FEWS—CADSWES
9:55–10:15	Break and Networking
10:15–10:35	Using ensembles to make objective releases decisions on Lake Tahoe <i>Caleb Erkman—Precision Water Resources Engineering</i>
10:35–10:55	Probabilistic Flood Hazard Analysis using RiverWare <i>Noah Friesen, Shaun Carney, Zelalem Mekonnen—RTI International</i>
10:55–11:15	Upcoming Features and Enhancements—CADSWES
11:15–12:00	Feedback from Users and Open Mic—CADSWES
12:00	Adjourn