

**2005 Annual RiverWare User Group Meeting  
Boulder Marriott  
Agenda**

**Tuesday Morning, March 1, 2005**

7:30 - 8:00	Continental Breakfast - Montrachet Foyer
8:00 - 8:20	<b>Welcome, Introductions and Overview – Montrachet A&amp;B</b> Introductions of CADSWES team and attendees, Meeting Information <i>Steve Setzer, CADSWES</i> Summary of RiverWare Applications – <i>Edie Zagona, CADSWES</i>
	<b>Policy Modeling and Analysis with RiverWare</b>
8:20 - 8:35	New Features in RiverWare: Scenario Manager and RiverWare Viewer – <i>Brian Eyster, CADSWES</i>
8:35 – 8:55	The Four URGWOM Models - <i>Marc Sidlow USACE-Albuquerque and Mike Roark, USGS-Albuquerque</i>
8:55 – 9:05	URGWOM Model Acceptance and Use – <i>Steve Bowser and Garret Ross, BOR-Albuquerque Area; Marc Sidlow USACE-Albuquerque; Mike Roark and Dave Wilkins (retired) USGS-Albuquerque; William Miller, William J. Miller Engineers, Inc., Santa Fe, New Mexico</i>
9:05 – 9:20	The Graphical Policy Analysis Tool (GPAT) Updates and Future Work – <i>Tim Magee and Neil Wilson, CADSWES; Dave King, BOR-Technical Services Center</i>
9:20 – 9:40	Using CRSS to Explore Shortage Studies on the Lower Colorado - <i>Russ Callejo and Terry Fulp, BOR-Boulder Canyon Operations</i>
9:40 – 10:00	BREAK
10:00 – 10:15	CRSS-Lite, Model for Stakeholders on the Colorado River – <i>Carly Jerla, CADSWES and Terry Fulp, BOR-Boulder Canyon Operations</i>
10:15 – 10:30	New Features in RiverWare: RPL Analysis Tool – <i>Brian Eyster and Carly Jerla, CADSWES</i>
	<b>Water Accounting and Water Rights Modeling with RiverWare: Enhancements, Designs, Techniques and Applications</b>
10:30 - 10:45	Water Accounting Enhancements and Account Network Visualization Plan – <i>Bill Oakley, Phil Weinstein and Kenny Gruchalla, CADSWES</i>
10:50 – 11:05	Update on the Lower Colorado River Authority (LCRA) Water Supply Model – <i>John Carron and Kevin Wheeler, Hydrosphere Resource Consultants, Inc.; Brad Vickers, Wave Engineering; Ron Anderson, Richard Brown and Kris Martinez, LCRA; Kirk Kennedy and Bob Brandes, R.J. Brandes Co.</i>
11:05 – 11:25	Techniques for modeling prioritized water rights in RiverWare – <i>Brad Vickers, Wave Engineering</i>

11:25 – 11:35	Water Accounting Training Class – A preview – <i>Steve Setzer, CADSWES</i>
	<b>Featured RiverWare Applications</b>
11:35 – 11:55	Truckee River Modeling System – <i>Tom Scott, Mike Mann, Jeff Rieker and Shane Coors, BOR-Lahonton Basin Area Office</i>
11:55 – 13:15	Lunch – Down Home Country Deli Buffet (provided)
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<b>Tuesday Afternoon, March 1, 2005</b>	
	<b>Featured RiverWare Applications (continued)</b>
13:15 – 13:35	Capturing Non-storable Flows on the Lower Colorado River and All-American Canal – <i>Tony Dubin, Brown and Caldwell, Seattle.</i>
13:35 – 13:55	East Bay Municipal Utility District: Planning and Operations with RiverWare – <i>Alejandro Joaquin and Rey Encarnacion, East Bay Municipal Utility District, Oakland, California</i>
13:55 – 14:15	Computing Natural Flows in the Colorado River Basin – <i>Jim Prairie, BOR - Salt Lake City</i>
	<b>Corps of Engineers Flood Control Modeling</b>
14:15 – 14:30	Overview of RiverWare R&D sponsored by the Corps of Engineers - <i>Jerry Cotter, USACE Ft. Worth District</i>
14:30 – 14:50	Update on COE Flood Control Methods in RiverWare – <i>John Daylor, USACE Tulsa District</i>
14:50 – 15:10	The Corps of Engineers HEC integration of RiverWare into the Corps Water Management System (CWMS) – <i>Joan Klipsch, USACE Hydrologic Engineering Center (HEC)</i>
15:10 – 15:30	BREAK – snacks and drinks provided
	<b>Enhancements: Engineering Algorithms and Rule Functions</b>
15:30 – 15:45	New and Upcoming Engineering Algorithms – <i>Steve Setzer and Sarah Stapleton, CADSWES</i>
15:45 – 16:00	New and enhanced RPL functions, how to execute DMIs from Rulebased Simulation, and Inline Rule Comments – <i>Patrick Lynn, CADSWES</i>
	<b>Software Development and Maintenance, Licensing, Releases and Tech Transfer</b>
16:00 - 16:10	Current Licensees, Legal agreement for licensing RiverWare, License Fees for Cost-sharing Software Maintenance, upcoming Release and Training schedules – <i>Edie Zagona</i>
16:10 – 16:20	Software development processes, software maintenance – <i>Bill Oakley and Brian Eyster, CADSWES</i>
16:20 – 16:30	User Support, Release Processes, Bug Tracking – <i>Steve Setzer, CADSWES</i>
	<b>Runtime Performance and Memory Usage</b>

16:30 – 16:40	Recent improvements to Runtime Performance – <i>Nancy Hall, CADSWES</i>
16:40 – 17: 00	Model size issues, Service Pack 2 tuning, Future Linux, 64-bit and other thoughts – <i>Bill Oakley, CADSWES</i>
Evening	Group dinner optional (not hosted): Zolo Grill, 2525 Arapahoe Ave. (immediately south of the Boulder Marriott, north of Arapahoe).
<b>2005 Annual RiverWare User Group Meeting Boulder Marriott Agenda</b>	
<b>Wednesday Morning, March 2, 2005</b>	
7:30 - 8:00	Continental Breakfast - Montrachet Foyer
	<b>Optimization in RiverWare</b>
8:00 – 8:20	<a href="#">Optimizing TVA’s Hydro System Using RiverWare</a> – <i>Susanne Biddle, TVA</i>
8:20 – 8:30	Recent enhancements to RiverWare’s Optimization Toolbox – <i>Tim Magee, CADSWES</i>
8:30 – 8:50	Stochastic Optimization – Research and future implementation – <i>JD Emmert, CADSWES</i>
8:50 – 9:05	Review of coming (this year) new Optimization/Rules Policy Editor – <i>Kenny Gruchalla, Tim Magee and Patrick Lynn, CADSWES</i>
9:05 – 9:15	CPLEX issues and need for alternative solvers – thoughts and discussion – <i>Tim Magee, CADSWES</i>
	<b>New/Improved Features in RiverWare</b>
9:15 - 9:30	Workspace migration to Qt, enhancements and future possibilities – <i>Kenny Gruchalla, CADSWES</i>
9:30 – 9:40	New Expression Slots with RPL – <i>Patrick Lynn and Carly Jerla, CADSWES</i>
9:40 – 10:00	BREAK
10:00 – 10:15	Multiple Run Management and Run Control Enhancements– <i>Bill Oakley, CADSWES</i>
10:15 – 10:30	Planning the RiverWare interface to DSS (Corps Data Storage System) and future directions in DMIs and output options – <i>Bill Oakley, CADSWES</i>
	<b>Open Forum</b>
10:30 – 12:00	Reserve 5 to 10 minutes to discuss <ul style="list-style-type: none"> <li>▪ your model,</li> <li>▪ technical issues of special interest to you, or</li> <li>▪ your agency or company and its interest or experience in RiverWare</li> </ul> (let us know if you would like to reserve some time)  Discuss needs, problems and wishes