

**Computer Aided Dispute Resolution (CADRe) Workshop
September 13-14, 2007
Albuquerque, NM**

Draft Agenda

Objectives:

- *Define the domain of Computer Aided Dispute Resolution (CADRe)*
- *Share experiences / facilitate discussion among practitioners about CADRe practices and processes*
- *Set the stage for a forward looking strategy of CADRe capacity building*

Sponsors:

- *Institute for Water Resources, U.S. Army Corps of Engineers*
- *Sandia National Labs*
- *United States Institute for Environmental Conflict Resolution*

Thursday, September 13th

Time/ Room	Session	Description
9:00-9:15 Franciscan	<u>Introductions, Workshop Objectives, and Plans</u> Hal Cardwell, Institute for Water Resources	
9:15-10:00 Franciscan	<u>CADRe: Scope, and Challenges</u> Leonard Shabman, Resources for the Future Kurt Stephenson, Virginia Tech	This overview will introduce key themes and set the stage for the workshop. Presenters will review the motivations for CADRe processes (conflict, decision-making fragmentation, science/policy tensions, etc). They will

identify elements that may describe CADRe and provide a conceptual framework to understand differences in the approaches and methods of “doing CADRe.” The presentation will conclude with the opportunities and challenges for CADRe, anticipating the discussion and presentations to follow. A draft discussion paper on these themes will be distributed in advance to all participants.

Franciscan	<u>Origin, Evolution, and Motivation of CADRe</u>
10:00 – 10:15	<i>What I do, how I do it and why?</i> Dan Sheer, Hydrologics
10:15 – 10:30	<i>What I do, how I do it and why?</i> Rick Palmer, University of Washington Bill Werick, Werick Creative Solutions
10:30 – 10:45	Break
10:45 – 11:45	<i>Origins, challenges and the future: A conversation with early innovators, long term practitioners, and clients of CADRe processes</i> Panelists: Lisa Bourget, International Joint Commission Richard Palmer Dan Sheer Bill Werick Facilitators: Leonard Shabman Kurt Stephenson
11:45 - 1:00 Fireplace Rm.	Lunch (Catered)

This session will bring together the early innovators of the CADRe concept both as presenters and then through a roundtable conversation. They will discuss how/why they came to their own approach to CADRe and describe what it is they do and how it may have evolved during 20 years of experience. The session will compare and contrast their different approaches to computer-aided collaboration.

During the short opening presentation, Sheer and Palmer/Werick will briefly outline what is they do and why they do it. These presentations will provide the background for the 1 hour panel discussion.

A user of CADRe is included on the panel to provide the end-user’s perspective on the value and challenges of what it is the panelists do. Time will also be reserved for questions from the audience.

1:00 - 2:45

Case Study Forum: Round 1

Franciscan

A Comparison of the CADRe Process: Perspectives from the Gila, Rio Grande and Willamette Vincent Tidwell, Principle Member of the Technical Staff, Sandia National Laboratories

Workshop participants will select two case studies to attend during each round. The case studies will be presented twice (in 45-minute sessions) in the round.

Potters

Use of Modeling to Facilitate Interstate Collaboration on the Lower Susquehanna River Thomas W. Beauduy, Deputy Director, and Andrew D. Dehoff, Director of Planning and Operations, Susquehanna River Basin Commission

The case study discussions will: (1) stress the intersection of technical models and decision participants, and (2) allow time for discussion and dialogue with those attending the case. Case study presenters are encouraged to bring materials to distribute. This forum is designed to encourage small group discussions about the case. Short papers describing each case will be sent in advance to all workshop participants.

Weavers

Role of Modeling in the Development of Interim Guidelines for the Operation of Lake Powell and Lake Mead Carly Jerla, Hydraulic Engineer/Bureau of Reclamation – Lower Colorado Region

Turquoise

Climate Change and Water Planning in the Northwest Richard Palmer, Professor of Civil and Environmental Engineering, University of Washington

2:45 -3:15

Break

3:15 – 5:00

Case Study Forum: Round 2

Franciscan

Incorporating Modeling into Decision-Making for a Comprehensive Aquifer Management Plan – A Facilitator’s Observations on Idaho’s Eastern Snake Plain Diane Tate, Program Manager, CDR Associates

Potters

Solving urban watershed problems in Los Angeles through the use of collaborative planning
Dan Rodrigo, Associate Partner, CDM

Weavers

Changing the rules for regulating Lake Ontario levels Bill Werick, Werick Creative Solutions

Turquoise

Drought Preparedness in Northern California – people, practices, principles and perceptions
Ane Deister, General Manager, El Dorado Irrigation District

5:30 – 6:30

Networking Reception

Friday, September 14th

8:30 – 8:45
Franciscan

Welcome, Plan for the Day

Leonard Shabman and Kurt Stephenson

8:45- 10:00

Panel Interview

Franciscan

What are the process challenges of CADRe?

Panelists :

Jerry Delli Priscoli, Inst. for Water Resources

Diane Tate, CDR

David Purkey, Stockholm Environment Institute

Jay Lund, UC Davis

Moderator and opening remarks:

Jim Creighton, Creighton and Creighton, Inc

The panel consists of professionals with principal expertise either in group process or as modelers. The goal of this panel is to highlight integration challenges and opportunities. Questions may include:

- Are modelers troubled by, or do they perceive, a limited rigor and objectivity in processes that rely on reaching stakeholder consensus?
- Are stakeholders troubled by, or do they perceive a limited utility of complex and “black box” models for decision making?
- What are the challenges of avoiding building unrecognized “value bias” into model construction (reference conditions, ecosystem health, risk preferences, etc.)?

10:00- 10:15

Break

10:15 – 11:30

Panel Discussion

Franciscan

Agency Perspectives: Opportunities and Challenges for Increased Use of CADRe Processes

Moderator and opening remarks:

Kirk Emerson, USIECR

The goal of this panel is to identify and discuss the reality of agency missions and decision practices that create opportunities and challenges to agency staff in using CADRe processes. The panel consists of agency staff who are familiar with CADRe, may have used it, and are senior decision-makers in their agencies. Topics may include the following:

Panelists:

Peter Evans, Interstate Council on Water Policy
Rick Miles, Federal Energy Regulatory Commission
Chandler Peter, U.S. Army Corps of Engineers
Stan Ponce, U.S. Geological Survey

- Perceived benefits of integrating environmental conflict resolution, collaborative problem-solving, and computer-assisted decision support tools
- Barriers to agency participation in collaborative CADRe processes
- Lessons learned from agency experiences with collaborative processes – with and without use of CADRe

Call to Action: Refining and Advancing CADRe

11:30 – 12:00
Franciscan

Setting a Plan & Determining topics
Len Shabman and Kurt Stephenson

12:00 – 1:30
Franciscan
Potters
Weavers
Turquoise

Open discussion forums
All participants take a Box Lunch to the breakout rooms

1:30 – 3:00
Franciscan

Fish Bowl

3:00 – 3:30

Commitments and Plans for the Future

Erik Webb, Office of U.S. Senator Pete Domenici
Hal Cardwell

This session is *critical* for achieving the following goals of the workshop:

- better defining the domain of CADRe to promote a long-term community of interest and practitioners
- identifying knowledge and expertise gaps and ways to fill them through education and training
- developing outreach activities so that CADRe processes are more widely and effectively employed in water resource decision-making.

Through a series of self-organizing discussion forums, beginning with a working lunch, all workshop attendees will be asked to address these themes, as well as other issues, concerns or opportunities that emerged during the workshop. By doing so, participants will identify next steps and action items for refining and advancing CADRe.