



R6/R8 Sustainable Water Infrastructure Forum Agenda
 December 2 & 3, 2008
 Denver, Colorado

Tuesday, December 2, 2008

- 7:30 - 8:00 Registration
- 8:00 - 8:10 Welcome and Opening Remarks –
 Carol Rushin, Acting Regional Administrator, R8
 Miguel Flores, Water Division Director, R6
- 8:10 – 9:00 Keynote Speaker – TBD

Track: Better Management

Track: Integrating Water Policies and Planning for a Sustainable Future

9:15 - 10:30

Better Management – Utilities are you sustainable?

This session will examine the 10 attributes of effectively managed utilities. Presenters will also highlight key tenets of successful utility management.

Speakers

- James Horne, Utility Management Coordinator, EPA**
- Dan Hartman, Director of Public Works, Golden CO**
- Gary Zimmerman, Executive Director, AWWA**

Framing the Issue: Challenges and Opportunities

This session will examine the current disconnects between land use, water supply, water quality and infrastructure planning. What are the social, economic and environmental costs and advantages/opportunities for bridging these disconnects in the arid west?

Moderator: Sarah Bates, Deputy Director, Western Progress

Panel:

- Lynn Richards, Director, EPA Smart Growth Program**
- Craig Bell or staff, Executive Director, Western States Water Council**
- L. Carson Bise II, President, TischlerBise**

10:30 - 10:45 BREAK

EPA would like to extend many thanks to the following partners who helped make this forum possible:



American Planning Association
Making Great Communities Happen



10:45 - 12:00	
<p>Environmental Management Systems</p> <p><i>This session will provide an overview of Environmental Management Systems (EMS) focusing on the benefits of implementing an EMS program. Key points emphasized include improving environmental performance, enhancing compliance, increasing efficiency, reducing costs, and enhancing employee morale.</i></p> <p>Speakers: Andy Kricun, PE, Deputy Executive Director, Camden County NJ Municipal Utilities Authority</p>	<p>The Big Picture: Who is Doing What to Address this Issue?</p> <p><i>This session will provide an overview of current efforts underway to begin addressing the land/water disconnect and explore the roles that various levels of government can play to better integrate water and land use decisions across political and programmatic arenas.</i></p> <p>Moderator: Doug Kenney, University of Colorado Natural Resources Law Center</p> <p>Panel: Larry Morandi, Nat’l Council of State Leg. (invited) Claire Levy, Representative, Colorado House District 13 Sarah Bates, Deputy Director, Western Progress</p>

12:00 - 1:00 LUNCH (on your own)

1:00 - 2:30	
<p>Lessons Learned – Asset Management Application</p> <p><i>This session will highlight asset management practices at water and wastewater utilities. Examples will be given on what is working and “lessons learned” in implementing asset management programs.</i></p> <p>Panel: John Stomp, ABCWUA, Albuquerque, NM</p> <p>Steve Pearlman, Director of Environmental Services, Metro Wastewater Reclamation District, Denver, CO.</p> <p>Mark Dollins, Asset Manager, Austin Water Utility, Austin, TX</p>	<p>Strategies to Integrate Water Interests into Land-use Planning</p> <p><i>This session will review strategies to integrate water interests into land-use planning and decision making.</i></p> <p>Speakers: Water Availability Review - assuring that water is available for growth Kathy Chavez, Water Policy Manager, Pima County Arizona</p> <p>Consistency Review - ensuring water use for development is consistent with other land use and environmental interests Lora Lucero, Editor, Planning and Environmental Law American Planning Association</p> <p>Watershed-Sensitive Land-use Planning John Singlaub, Executive Director, Tahoe Regional Planning Agency (invited)</p>

Track: Better Management

Track: Integrating Water Policies and Planning for a Sustainable Future

2:45 - 5:00

Lessons Learned (Part 2)

This session will allow for a question and answer format among the panel participants and the SI Forum participants

Panel:

John Stomp, ABCWUA, Albuquerque, NM

Steve Pearlman, Director of Environmental Services, Metro Wastewater Reclamation District, Denver, CO.

Mark Dollins, Asset Manager, Austin Water Utility, Austin, TX

Dan Hartman, Director of Public Works, Golden CO

Strategies to Integrate Land-use Interests into Water Planning

This session will review strategies to integrate land-use decisions into water planning

Speakers:

Integrative Water Resources Planning

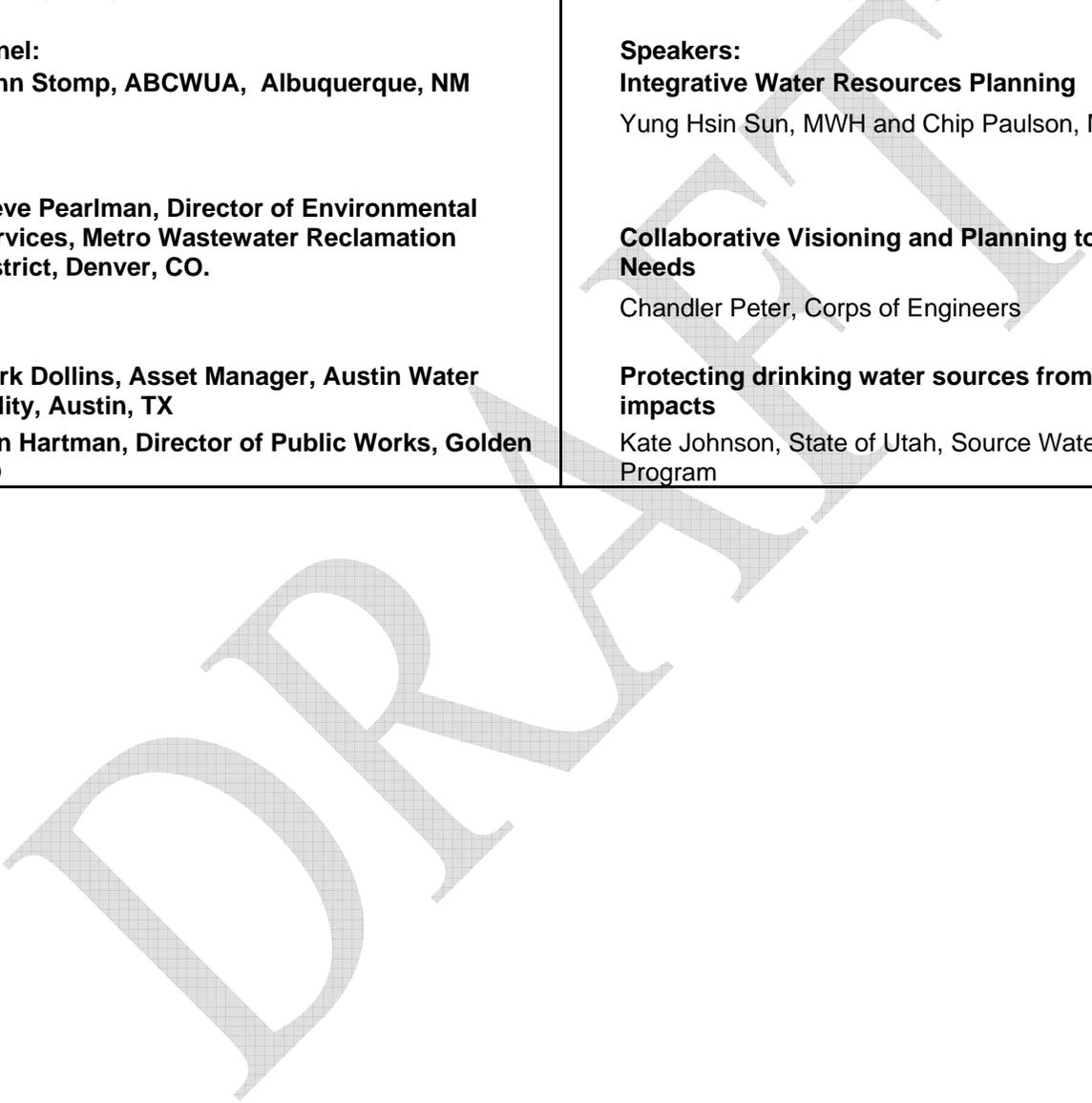
Yung Hsin Sun, MWH and Chip Paulson, MWH

Collaborative Visioning and Planning to Meet Water Needs

Chandler Peter, Corps of Engineers

Protecting drinking water sources from development impacts

Kate Johnson, State of Utah, Source Water Protection Program



Wednesday, December 3, 2008

- 7:30 - 8:00 Registration
- 8:00 – 8:15 Recap of Day One – Maurice Rawls, R6, Matt McKinney, Director, Public Policy Research Institute, University of Montana
- 8:15 - 9:00 Keynote Speaker – Duane Smith, Executive Director, OK

Track: Better Management

Track: Water Utility Planning Under Climate Variability

9:15 - 10:30

Full Cost Pricing/Green Infrastructure

This session will address cost and pricing considerations to meet essential infrastructure needs. Pricing considerations include the costs for building, operating, and maintaining a system as well as the costs for treatment and delivery.

Speakers

Ken Kirk, Executive Director, National Association of Clean Water Agencies

Public/ Private Partnerships

This session will address public / private partnerships. Presentation will highlight the sustainability definition related to the water utility, a spectrum of public/private partnership contracts, accounting – boundaries of your organization, and measurement – how to know if it is working.

Speakers:

Steve Fisher, P.E., IGERT Researcher
Saba Siddiki, MPA, IGERT Researcher
Sustainable Urban Infrastructure,
University of Colorado, Denver, CO

Setting the Stage

This session will present the state of the science of projected climate impacts on drinking and wastewater utilities in the west. What additional drivers will influence the development of a new business model which integrates climate considerations?

Presenters:

Kathleen Miller, National Center for Atmospheric Research
Robert Armstrong, CDM
Lynette Cardoch, MWH

10:30 - 10:45 BREAK

10:45 - 12:00

Full Cost Pricing/Green Infrastructure

This session will review the Environmental Finance Center's Financial Dashboard. This financial assessment tool will give a clear and powerful picture of how the system is currently performing, areas of improvement, and what the future outlook is for the utility.

Speaker:

Bill Jarocki, Director, Environmental Finance Center - Region 10, Boise State University

Current Experience: Approaches to Planning Under Climate Uncertainty

This session will present the latest approaches to incorporating climate change information into regional and local resource planning.

Presenters:

**David Yates, National Center for Atmospheric Research
Marc Waage, Denver Water**

12:00 - 1:00 LUNCH (on your own)

Track: Better Management

Track: Water Utility Planning Under Climatic Uncertainty

1:00 - 2:30

Going Green – Green Infrastructure

This session will focus on green infrastructure - the interconnected network of open spaces and natural areas, such as greenways, wetlands, parks, forest preserves and native plant vegetation, that naturally manages stormwater, reduces flooding risk and improves water quality.

Mark Boyer, RLA, ASLA, Interim Head, Dept. of Landscape Architecture, University of Arkansas

Planning for the Long Range

This session will provide examples of opportunities that benefit utilities while also mitigating contributions to climate change

Speakers:

Speakers:

**Laura DuFrame, Cadmus
Freddie Guerra, Camp Dresser and McKee
Dru Whitlock, CH2M Hill**

2:30 - 2:45 BREAK – Sponsored by Rocky Mountain WEA

2:45 - 5:00

EPA Region 8 Green Building Tour

This tour highlights EPA's Office in Denver, the greenest building in downtown. The building was awarded the U.S. Green Building Council Leadership in Energy and Environmental Design (LEED) Gold Level Certification.

Regional Collaboration to Minimize Wildfire Risk to Source Water Watersheds

Discussion with Panel –

"Translating the Process and Modeling to Other Watersheds in the Region"

Panel:

**Don Kennedy, Denver Water
Dave Hessel, US Forest Service
Mike McHugh, Aurora Water
Brad Piel
Chuck Dennis, US Forest Service**