

Climate Change

WATER RECYCLING

Board Workshop: Climate Change Water Recycling Measure Implementation - March 4, 2009

- [Agenda](#)
- [ARB Presentation](#)
- [SWRCB Presentation](#)
- [West Basin Presentation](#)
- [SCWA Presentation](#)
- [LACSD Presentation](#)
- [IEUA Presentation](#)
- [SWRCB Funding Presentation](#)
- [Breakout Questions](#)

(Updated 5/19/11)

Archived
Content

Climate Change

PAST MEETINGS WITH SUPPORTING MATERIALS

- [Climate Change Workshop on Low Impact Development, Infiltration, Capture and Storage](#)
On June 17, 2009, the Water Board had a workshop on implementation of AB 32 Scoping Plan Measure W-4: Reuse Urban Water. This informational workshop will examine strategies for the management of urban water including Low Impact Development, infiltration, capture, and storage.



Cal/EPA has posted the [W-4 workshop recording](#) on their archived videos Website.

- [Information submitted about LID, Infiltration, Capture, and Storage](#)
The public is invited to submit information and materials relevant to the climate change workshop on LID, infiltration, capture, and storage. Submittals will be posted at this Website for sharing with other participants and can be read [here](#). Examples of submittals include descriptions of successful projects, research papers, case studies, weblinks to relevant pages, etc. Documents should be in PDF format.
- **Board Workshop: Climate Change Water Recycling Measure Implementation - March 4, 2009**
- [Agenda](#)
 - [ARB Presentation](#)
 - [SWRCB Presentation](#)
 - [West Basin Presentation](#)
 - [SCWA Presentation](#)
 - [LACSD Presentation](#)
 - [IEUA Presentation](#)
 - [SWRCB Funding Presentation](#)
 - [Breakout Questions](#)

- **Board Workshop: Climate Change and Water Resources - August 23, 2007**
[Revised Public Notice](#) - The State Water Board along with Department of Water Resources will hold a Public Meeting on Climate Change & Water Resources on August 23, 2007. Deadline for written comments is September 14, 2007 (5 pm).

- [Agenda](#)
- Presentations by Panelists
 - [John Andrew](#), Department of Water Resources
 - [Rich Atwater](#), Inland Empire Utilities Agency
 - [Amy Zimpfer](#), USEPA
 - [Greg Zlotnick](#), Santa Clara Valley Water District
 - [Peter Gleick](#), Pacific Institute

- [Brian Sullivan](#), BP
 - [Stuart Rupp](#), New United Motor Manufacturing Inc.
 - [Bob Wilkinson](#), Professor, U.C. Santa Barbara
 - [Jenna Olsen](#), PG&E
 - [Margaret Bruce](#), San Francisco Bay Regional Water Board
- Meeting Handouts
- [Santa Clara Valley Water District Response to Climate Change](#)
 - [EPA Programs to Assist Local Governments](#)
 - [Local Government Commission Water Management Resources for Local Government](#)
- Reports Referenced by Panelists
- In Hot Water: Water Management Strategies to Weather the Effects of Global Warming ([NRDC Report](#))
- [Panelists' Recommendations](#)
- [Comments Received](#)

Climate Change

CLIMATE CHANGE WORKSHOP

IMPLEMENTATION OF SCOPING PLAN MEASURE W-4 REUSE URBAN RUNOFF

Wednesday, June 17, 2009 - 9:30 a.m.
Coastal Hearing Room - Second Floor
Joe Serna, Jr. Cal/EPA Headquarters Building
1001 I Street, Sacramento, CA 95814

Workshop Information

The Public Notice and Workshop Agenda for this workshop are available from the [Board Calendar](#).

The purpose of this workshop is to solicit information and suggestions from stakeholders and the public regarding implementation of Measure W-4 Reuse Urban Runoff. Measure W-4 is described on page C-134 of the *Climate Change Proposed Scoping Plan Appendices, Volume I: [Supporting Documents and Measure Detail](#)*.

AB32 Measure W-4: Reuse Urban Runoff (Summary)

Infiltration, capture and/or storage of urban runoff have the potential to reduce energy use and associated GHG emissions by increasing local water supplies that can reduce the use of water from more energy intensive sources. This measure proposes that stormwater infiltration and/or capture be implemented to increase local water supplies. Where favorable soil and geologic conditions exist, urban runoff should be infiltrated to increase groundwater supplies. In locations where infiltration is either limited or not recommended, urban runoff should be captured and stored for nonpotable applications.

Workshop Presentations

- [Quantifying the Climate Benefits of LID in Southern California](#) (15 MB)
Noah Garrison, NRDC and Bob Wilkinson, UC Santa Barbara
- [Practical Considerations for Stormwater Harvesting and Use](#) (9MB)
Eric Strecker, Geosyntec Consultants
- [Wisely Managing Our Urban Water Resources](#) (23MB)
Neal Shapiro, City of Santa Monica
- [Urban Water Reuse in Orange County](#) (9 MB)
Richard Boon, County of Orange – OC Watersheds
- [Stormwater: A Water Supply Opportunity](#) (8 MB)
Rebecca Drayse, TreePeople and Mark Hanna, LADWP
- Using Public Spaces for Infiltration (to be posted when received)
Esther Feldman, Community Conservancy International
- [Water Friendly Landscaping](#) (7 MB)
Eric Berntsen, SWRCB
- [Declining Rainwater Recharge in the Chino Basin](#) (27 MB)
Mark Wildermuth, Wildermuth Environmental Consultants

→→ [Optimizing Environmental Benefits: LID Project Considerations](#) (8 MB)

Darla Inglis, The LID Center

→→ [Making Connections Between Professional Disciplines](#) (54 MB)

Eileen Takata, California Resource Connections

Relevant Resources

[Information submitted about LID, Infiltration, Capture, and Storage](#)

The public is invited to submit information and materials relevant to the climate change workshop on LID, infiltration, capture, and storage. Submittals will be posted at this website for sharing with other participants. Examples of submittals include descriptions of successful projects, research papers, case studies, weblinks to relevant pages, etc. Documents should be in PDF format. Please email submissions to Max Gomberg at max.gomberg@waterboards.ca.gov, 916-322-3052.

(Updated 9/12/16)

Climate Change

RELEVANT RESOURCES

The public is invited to submit information and materials relevant to the climate change workshop on LID, infiltration, capture, and storage. Submittals will be posted at this website for sharing with other participants. Examples of submittals include descriptions of successful projects, research papers, case studies, weblinks to relevant pages, etc. Documents should be in PDF format. Please email submissions to Caren Trgovcich at ctrgovcich@waterboards.ca.gov

Submitted Information and Materials

- South Coast Water District - [Initial Study and Environmental Checklist for Aliso Creek Urban Runoff Recovery, Reuse, and Conservation Project, Laguna Beach, California](#)
- Los Angeles Water Augmentation Study
 - [Monitoring Report 2008 Update](#)
 - [Neighborhood Retrofit Project Concept Plan](#)
 - [Phase II Final Report 2005](#)
 - [Costs and Infiltration Benefits of the Watershed Augmentation Study Sites](#) - University of California, Riverside - August 17, 2006
- [Los Angeles Green Infrastructure Report](#)
- [Santa Monica 2005 Runoff Brochure](#)
- [Santa Monica Infiltration Pit Design](#) - January 2009
- [Santa Monica BMP Brochure](#) - January 2009
- [Green Infrastructure for Los Angeles: Addressing Urban Runoff and Water Supply Through Low Impact Development](#)

Questions or Comments

Please contact [Max Gomberg](#), 916-322-3052.

Climate Change

WATER RESOURCES

→ **Board Workshop: Climate Change and Water Resources - August 23, 2007**

[Revised Public Notice](#) - The State Water Board along with Department of Water Resources will hold a Public Meeting on Climate Change & Water Resources on August 23, 2007. Deadline for written comments is September 14, 2007 (5 pm).

→ [Agenda](#)

→ Presentations by Panelists

- [John Andrew](#), Department of Water Resources
- [Rich Atwater](#), Inland Empire Utilities Agency
- [Amy Zimpfer](#), USEPA
- [Greg Zlotnick](#), Santa Clara Valley Water District
- [Peter Gleick](#), Pacific Institute
- [Brian Sullivan](#), BP
- [Stuart Rupp](#), New United Motor Manufacturing Inc.
- [Bob Wilkinson](#), Professor, U.C. Santa Barbara
- [Jenna Olsen](#), PG&E
- [Margaret Bruce](#), San Francisco Bay Regional Water Board

→ Meeting Handouts

- [Santa Clara Valley Water District Response to Climate Change](#)
- [EPA Programs to Assist Local Governments](#)
- [Local Government Commission Water Management Resources for Local Government](#)

→ Reports Referenced by Panelists

- In Hot Water: Water Management Strategies to Weather the Effects of Global Warming ([NRDC Report](#))

→ [Panelists' Recommendations](#)

→ [Comments Received](#)

Climate Change

CLIMATE CHANGE AND WATER RESOURCES (WATER POLICY THROUGH A CARBON LENS)

The State Water Resources Control Board held a joint meeting with the Department of Water Resources to receive comments on Climate Change and Water Resources. Both agencies were interested in (1) how the goals of AB 32 can be met by integrating climate change into existing policies, regulatory responsibilities and grant programs; and (2) how climate change directly impacts the various programs and what can be done to address those impacts.

→ [Public Notice](#)

→ Comment Deadline: September 14, 2007 (5:00 p.m.)

→ [Program Web Page](#)

Company	Representative
California Coastkeeper Alliance	Linda Sheehan
Center for Biological Diversity	Miyoko Sakashita
Central Valley Clean Water Association	Stan Dean
Department of Land, Air and Water Resources	Amy King
General Public	Sandy Koz
General Public	Harvey Sherback
General Public	Felice Pace
NRDC	David Beckman
Planning and Conservation League	Matt Vander Sluis
Santa Clara Valley Water District	Keith Whitman
Surfrider Foundation	Joe Geever
Trout Unlimited	Brian Johnson