

# SWRR

## Sustainable Water Resources Roundtable

AGENDA November 20, 2014  
NASA Ames Research Center at Moffett Field,

### A State of Drought: California Surface and Groundwater Sustainability Assessments

- 8:30 a.m. **Registration and Coffee**
- 9:00 a.m. **Welcome Remarks:** Bob Wilkinson SWRR Co chair & Marianna Grossman SSV Director
- 9:05 a.m. **Welcome Remarks:** Steve Hipskind, Chief, Earth Science Division, NASA Ames Research Center
- 9:10 a.m. **Welcome Remarks:** Mariana Grossman, Executive Director, Sustainable Silicon Valley.
- 9:15 a.m. **Sustainable Water Resources Roundtable Activities & History:** John Wells Co-chair
- 9:30 a.m. **Round of BRIEF Self-Introductions:** interest in sustainability and water, David Berry
- 10:10 a.m. **Break**
- 10:30 a.m. **California Sustainability Assessment** (Moderators Abdul Khan and Rich Juricich, DWR)  
**An Update on US-EPA Sustainability Effort:** Alan Hecht, Ph.D., Director for Sustainable Development in the Office of Research and Development (ORD), U.S. EPA  
**California Sustainability Assessment Project** - Ecological Footprint, Plant Growth Index, GRACE Groundwater Assessment, and Water Footprint: Vance Fong, P.E., Manager, Environmental Indicator Program, Exchange Network Coordinator, Field Operations Lead, U.S. EPA Region 9, San Francisco, California (Fong.Vance@epamail.epa.gov) and Don Hodge, Safe Drinking Water Information System (SDWIS) Coordinator, Drinking Water Office, U.S. EPA Region 9, San Francisco, California ([hodge.don@epa.gov](mailto:hodge.don@epa.gov))  
**California Water Sustainability Indicators Framework, Statewide and Regional Assessments:** Fraser Shilling, Ph.D., Researcher, Department of Environmental Science & Policy, University of California, Davis ([fmshilling@ucdavis.edu](mailto:fmshilling@ucdavis.edu))  
**California's Water Footprint and Trends:** Heather Cooley, Water Program Director, Pacific Institute, Oakland ([hcooley@pacinst.org](mailto:hcooley@pacinst.org)) and Julian Fulton, Energy and Resources Group, University of California, Berkeley ([julianfulton@gmail.com](mailto:julianfulton@gmail.com))  
**California Biodiversity Council Collaborative Project on California Indicators and California Forest and Range Assessment:** Chris Keithley, Ph.D., Fire and Resource Assessment Program, Department of Forestry and Fire Protection, Sacramento, California ([Chris.Keithley@fire.ca.gov](mailto:Chris.Keithley@fire.ca.gov))  
<https://d3.water.ca.gov/owncloud/public.php?service=files&t=5ea06c2973b9d31724c5f1419913fe5a>  
<http://indicators.ucdavis.edu/>
- 12:00 p.m. **Lunch Speaker, Groundwater in California**, Carl Hauge, DWR Chief Hydrogeologist, (retired)
- 1:05 p.m. **Groundwater Measurement and Management** (Moderator Rhonda Kranz, Kranz Consulting)  
**Groundwater from Space: GRACE**, Jay Famiglietti, Jet Propulsion Laboratory, NASA, California Institute of Technology, and UC Irvine

**California's Groundwater and the Impact of Drought:** Dane Mathis, Senior Engineering Geologist, Division of Integrated Regional Water Management, South Central Region Office, Department of Water Resources (Dane.Mathis@water.ca.gov)

<http://www.waterplan.water.ca.gov/cwpu2013/prd/index.cfm>

<http://www.water.ca.gov/groundwater/>

[http://www.water.ca.gov/waterconditions/docs/Drought\\_Response-Groundwater\\_Basins\\_April30\\_Final\\_BC.pdf](http://www.water.ca.gov/waterconditions/docs/Drought_Response-Groundwater_Basins_April30_Final_BC.pdf)

**Assessment of Recent Land Subsidence in California:** Claudia Faunt, Ph.D., P.E., Hydrologist, U.S. Geological Survey, California Water Science Center, San Diego Projects Office, CA (ccfaunt@usgs.gov)

<http://ca.water.usgs.gov/pubs/2014/sir20145075.html>

<http://ca.water.usgs.gov/mojave/sub2010.html>

<http://ca.water.usgs.gov/pubs/2013/sir20135142.html>

2:30 p.m. **Break**

2:45 p.m. **Snowpack and Water Supplies for California**, Thomas H. Painter, PhD, Jet Propulsion Laboratory, NASA, California Institute of Technology, and Frank Gehrke, Chief of Snow Surveys, DWR

**Mokelumne Watershed Avoided Costs Project**, Kim Carr, Sierra Nevada Conservancy and Chris Nota, U.S. Forest Service

A hot topic in forest management today is linking costs for maintaining healthy forests to avoid costs of future fires and damage to water infrastructure. The report on the Mokelumne River can be found at: <http://www.sierranevada.ca.gov/our-work/mokelumne-watershed-analysis>

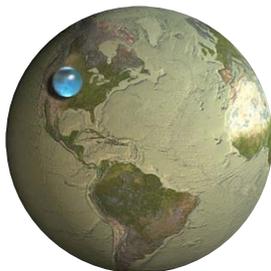
**Remote Sensing of California Agriculture for Drought Impact Assessment and Mitigation**

Forrest Melton, Senior Research Scientist NASA Ames Research Center - Cooperative for Research in Earth Science & Technology (ARC-CREST) & California State University, Monterey Bay

4:15 p.m. **Keynote Talk: Green Proving Ground (GPG) Initiatives and Emerging Technologies**, Ruth Cox, Pacific Rim Regional Administrator, GSA

5:15 p.m. **Closing Comments and Adjourn**

5:30 p.m. **Reception at NASA followed by no-host dinner for out-of-towners and others interested**



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Proceedings from past meetings, SWRR reports and other information available at <http://acwi.gov/swrr>

## **Contacts: Cochairs and Manager**

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David Berry, US Dept of Interior (retired), SWRR Facilitator and Manager, Virginia 703-741-0791, [davidberry@aol.com](mailto:davidberry@aol.com)