



WOODS INSTITUTE  
FOR THE ENVIRONMENT  
STANFORD UNIVERSITY

## *Comprehensive Studies of Aquifer Depletion and Salinization*

# Agenda

December 4-5, 2008



### CO-ORGANIZERS

PETER KITANIDIS, PROFESSOR OF CIVIL & ENVIRONMENTAL ENGINEERING, STANFORD UNIVERSITY  
ROSEMARY KNIGHT, PROFESSOR OF GEOPHYSICS, STANFORD UNIVERSITY

### THURSDAY, DECEMBER 4

- 4:30-6:30 Van available for transportation from hotel to dinner  
5:00-6:00 Reception and hors d'oeuvres, California Café  
6:00-8:30 Dinner, California Café  
8:30 Van returns to hotel

### FRIDAY, DECEMBER 5

- 7:00 Van to Stanford  
7:15-8:00 Breakfast, Yang and Yamazaki Environment and Energy Building (Y2E2), Room 299  
8:00-8:30 Welcome and Introductions, Peter Kitanidis, Rosemary Knight, Buzz Thompson  
*Welcome, introduction of participants and a few words from the organizers regarding objectives and procedures.*  
8:30-10:00 First Plenary: Global perspectives on challenges and opportunities for groundwater use, including issues related to water quantity and quality  
Moderator: David Freyberg, Stanford University  
Presenters: Lenny Konikow, U.S. Geological Survey  
Martin Reinhard, Stanford University  
Scott Rozelle, Stanford University  
*What are the major quantity and quality challenges facing global groundwater? Will global climate change, population trends, and economic development intensify these challenges? What are the major institutional and legal obstacles to successfully addressing these challenges? What are the major technological obstacles to addressing these challenges?*  
10:00-10:30 Break



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10:30-12:00 Second Plenary: Lessons from the Field on Solving Groundwater Challenges

Moderator: Rosemary Knight, Stanford University

Presenters: Ray Finley, Sandia National Laboratories  
Angeline Kneppers, Schlumberger Water Services  
Greg Thomas, Natural Heritage Institute

*What have we learned from actual experience about solutions to the major groundwater challenges? What works and what does not? How can technology help address the challenges? What type of institutions and institutional change can help address these challenges? What type of information is useful in addressing the challenges?*

12:00-1:00 Lunch

1:00-2:30 Third Plenary: Research Needs and Opportunities

Moderator: Buzz Thompson, Stanford University

Presenters: Bob Holt, General Electric  
John Wilson, California Department of Water Resources  
Gary Wolff, California Water Resources Control Board

*How can Stanford or other research institutions help contribute to solutions to the major groundwater challenges? What are emerging challenges or promising technologies that require attention? Which are promising research sites? How can Stanford or other research institutions best engage with public and private decision makers and non-governmental organizations in addressing the challenges? What would be promising partnerships or consortia with other research institutions?*

2:30-3:00 Break

3:00-4:00 Breakout Sessions (Topics TBD)

4:00-4:15 Break

4:15-4:45 Reports Back from Breakout Sessions & Discussion

4:45-5:00 Summary & Next Steps

5:00 Van back to hotel