

Future of Managed Aquifer Recharge in the United States

Joint Spring Meeting of BESR-WSTB

OPTIONAL IMAGE
AREA

Meeting Objective

Given the ongoing climate trends of increased air temperatures and more variable patterns of precipitation, what is the potential for expansion of Managed Aquifer Recharge to meet U.S. water needs for the next 30–50 years?

TUESDAY, MAY 10, 2022 (All times EDT)

11:00 AM

Welcome to the Session

- **Isabel Montanez**, Chair, Board on Earth Sciences and Resources
- **Cathy Kling**, Chair, Water Science and Technology Board

11:05 AM

Status of U.S. Aquifers Under a Changing Climate

- **Bridget Scanlon**, University of Texas at Austin

11:20 AM

Introduction to Managed Aquifer Recharge

- **Bill Alley**, National Ground Water Association

11:50 AM

Managed Aquifer Recharge Case Studies

*Moderator: **Jonathan Arthur**, WSTB, American Geosciences Institute*

Speakers will present for 15 minutes each

- Southeastern VA and the Eastern Shore
Charles Bott, Hampton Roads Sanitation District
- Orange County, CA
Adam Hutchinson, Orange County Water District
- The Everglades and Picayune Strand, FL
June Mirecki, U.S. Army Corps of Engineers
- Gila River Indian Community, AZ
Peter Mock, Peter Mock Groundwater Consulting, Inc.
- Tallahatchie River, MS
Andrew O'Reilly, USDA Agricultural Research Service
- Tucson, AZ
Tim Thomure, City of Tucson

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1:25 PM Q & A Discussion

2:00 PM *Adjourn*

WEDNESDAY, MAY 11, 2022

11:00 AM **Welcome to the Session**

- **Isabel Montanez**, Chair, Board on Earth Sciences and Resources
- **Cathy Kling**, Chair, Water Science and Technology Board

11:05 AM **Technical Considerations for Managed Aquifer Recharge: Panel Discussion**
*Moderator: **Nelia Dunbar**, BESR, New Mexico Institute of Mining and Technology*

Speakers will present for 15 minutes each, followed by Q&A

- **Helen Dahlke**, University of California, Davis
- **Claudia Faut**, U.S. Geological Survey
- **Justin Mattingly**, EPA Office of Water
- **David Pyne**, ASR Systems, LLC

12:20 PM **Institutional Considerations for Managed Aquifer Recharge: Panel Discussion**
*Moderator: **Venkataraman Lakshmi**, WSTB, University of Virginia*

Speakers will present for 15 minutes each, followed by Q&A

- **Robert Maliva**, WSP USA
- **Dave Owen**, University of California, Hastings College of the Law
- **Sharon Megdal**, University of Arizona
- **Leslie Meyers**, U.S. Bureau of Reclamation, Phoenix Area Office
- **Will Logan**, U.S. Army Corps of Engineers, International Center for Integrated Water Resources Management

1:45 PM **Closing Discussion with Panelists**

2:00 PM *Adjourn*