

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

**BOARD ON AGRICULTURE AND NATURAL RESOURCES
WATER SCIENCE AND TECHNOLOGY BOARD**

**Water Scarcity:
Implications for Agricultural Production and Food Security**

June 8, 2021 (via Zoom)

3:00 – 5:30 PM ET

AGENDA

3:00 pm	WELCOME Jay Famiglietti , (Moderator) BANR Member, Director, Global Institute for Water Security, University of Saskatchewan
3:10 pm	PRESENTATIONS (12 min each): Matthew Rodell , Associate Deputy Director of Earth Sciences for Hydrosphere, Biosphere, and Geophysics at NASA Goddard Space Flight Center, Greenbelt, Maryland -- <i>GRACE data and global freshwater availability</i> Bridget Scanlon , Senior Research Scientist in the Bureau of Economic Geology at the University of Texas at Austin, and head of the Sustainable Water Resources Program -- <i>GRACE data and U.S. groundwater stocks</i> Debra Perrone , Assistant Professor of UCSB's Environmental Studies Program. -- <i>Implications of an analysis of well water levels and depths</i> Megan Konar , Associate Professor in the Department of Civil and Environmental Engineering at the University of Illinois at Urbana-Champaign -- <i>Groundwater depletion in U.S. agricultural supply chains</i>
4:10 pm	PERSPECTIVES : (8 min each): Alex Tait , The Geographer at National Geographic Society Kirsten James , Program Director for Water at Ceres Charles Iceland , Global Director, Water (Interim), World Resources Institute's Food, Forests, Water, and the Ocean Program. Jillian (Jill) Deines , Postdoctoral Scholar, Center on Food Security and the Environment, Department of Earth System Science, Stanford University Mike Strobel , Director of the National Water and Climate Center, US Department of Agriculture's Natural Resources Conservation Service Karen Ross , Secretary of the California Department of Food and Agriculture,
5:00 pm	DISCUSSION : Needs and Opportunities for the National Academies to Contribute Members of BANR, WSTB, Presenters, Panelists, and Invited Guests
5:30 pm	ADJOURN.