

# ADVANCES IN EARTH SCIENCE

Briefing Series

## DATA AS A NATIONAL ASSET FOR DECISION-MAKING

June 22, 2016 • 4:00pm • SVC 209 (Senate side of the Capitol Visitor Center)

Light refreshments will be served.

Robust data collections are vital for understanding and managing Earth's natural resources and hazards:

- Earthquake data can help identify quake-prone areas and inform earthquake preparedness.
- Air quality data can reveal potential health risks and hazards from air pollution.
- Water quality data can capture noteworthy trends and changes in safety and accessibility.

Ongoing efforts to build comprehensive and reliable data sets for various sectors of Earth Science help experts make informed decisions that keep communities safe.

This briefing features experts from industry, academia, and state and federal government agencies to discuss how Earth Science data is collected, used, and disseminated. Speakers will address current protocols and future endeavors in data collection.

- The Global Seismic Network includes over 150 stations installed all over the world that record and collect ground motion data caused by earthquakes.
- Sonoma Technology, Inc. uses data to provide innovative, science- and technology-based solutions for environmental challenges occurring around the globe.
- The USGS Virginia and West Virginia Science Center's data collection and research helps inform and promote safe and effective water resource management practices.

Follow and tweet with us on Twitter using #EarthData.

## SPEAKERS

### Katrin Hafner

Global Seismic Network Program Manager  
Incorporated Research Institutions for Seismology

### Tim Dye

Senior Vice President and Chief Business Development Officer  
Sonoma Technology, Inc.

### Mark Bennett

Director  
USGS Virginia and West Virginia Water Science Center

### Virginia Burkett

Associate Director for Climate and Land Use Change  
U.S. Geological Survey

**Moderator**

## PRESENTED BY

American Association for the Advancement of Science  
American Association of Petroleum Geologists  
American Geophysical Union  
American Geosciences Institute  
American Meteorological Society  
Association of American State Geologists  
Bureau of Safety and Environmental Enforcement  
Geological Society of America  
National Ground Water Association  
National Science Foundation—Directorate for Geosciences  
Consortium for Ocean Leadership  
Soil Science Society of America  
U.S. Geological Survey

Please RSVP to Elizabeth Goldbaum (egoldbaum@geosociety.org)