# 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 Vistor 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
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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)