

## State Responses to Induced Earthquakes April 14, 2017 - 2:00 pm ET/11:00 am PT

### Description

The surge in recent years of earthquake activity associated with some oil and gas operations, most notably in Oklahoma, has spurred a range of actions and responses from state geoscientists and regulators. States have taken measures to monitor these earthquakes and moderate the activities that may be causing them, particularly the deep underground injection of large volumes of wastewater. Many states with extensive oil and gas operations but little or no increased earthquake activity have also adopted practices to prevent and prepare for potential induced earthquakes in their area.

This Critical Issues webinar will discuss the range of state-level actions and approaches taken by three oil- and gas-rich states — Oklahoma, Texas, and Ohio — to monitor and reduce the occurrence of induced earthquakes.

### Key topics to be addressed

- New efforts to monitor small earthquakes using improved seismic networks
- Proposed or established regulations and their effects
- Collaborations between government, industry, and other groups to reduce induced earthquakes
- Outreach and education efforts to improve public awareness

### Speakers

**Jeremy Boak, Ph.D.**, Director, Oklahoma Geological Survey

**Michael H. Young, Ph.D.**, Associate Director for Environment, Texas Bureau of Economic Geology

**Steven Dade**, Geologist 2, Ohio Department of Natural Resources, Division of Oil & Gas Resources Management

### Co-sponsors

- American Association of Petroleum Geologists
- American Energy Society
- American Geophysical Union
- American Institute of Professional Geologists
- Association of American State Geologists
- Association of Environmental & Engineering Geologists
- Environmental and Engineering Geophysical Society
- Environmental Defense Fund
- Seismological Society of America
- Society of Exploration Geophysicists
- U.S. Geological Survey

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