

MINERAL RESOURCES FOR A SUSTAINABLE FUTURE



An open-pit mine (left; photo by Dan Cordier, U.S. Geological Survey) is a source of rare earth elements (REEs), which are important components of high-efficiency wind turbines and other clean energy technologies (right).

**The 2017 Five College
Geology Symposium**
on the status, challenges and
opportunities in the field of
mineral resource exploration

**Friday, March 24–
Saturday, March 25**
McConnell Auditorium,
Smith College

Friday, March 24

KEYNOTE LECTURE

“Mineral Resources for a Sustainable Future”
Larry Meinert, Acting Deputy Associate Director,
Energy and Mineral Resources, United States
Geological Survey
7–8 p.m.

Saturday, March 25

LECTURES

“Extractive Industries: Nexus of Everything?”
Allyson K. Anderson Book, Executive Director,
American Geosciences Institute
9–9:45 a.m.

“Changing World—Changing Exploration”
John F. H. Thompson, Wold Family Professor of
Environmental Balance for Human Sustainability,
Cornell University; Principal, PetraScience
Consultants
9:45–10:30 a.m.

“Mining’s Contribution to Sustainable Development”
Jessica E. Kogel, Associate Director for Mining,
National Institute for Occupational Safety and Health
10:45–11:30 a.m.

“Preparing the Future Generations of Explorers for
Success at Discovery”
M. Stephen Enders, Professor and Interim
Department Head, Geology and Geological
Engineering, Colorado School of Mines
11:30 a.m.–12:15 p.m.

PANEL DISCUSSION

1:30–3 p.m.



Free, open to the public and wheelchair accessible.

For disability access information or accommodations requests, please call 413-585-2407. To request a sign language interpreter, call 413-585-2071 (voice or TTY) or send email to ods@smith.edu at least 10 days before the event.

Sponsored by the Smith College Department of Geosciences, the Lecture Committee, and the Office of the Provost/Dean of Faculty, and the Five College Geology Consortium.