

# Moderate, Temporary, and Responsive Solar Geoengineering

“Prudence demands that we study methods that offer the hope of limiting the environmental risks posed by the accumulation of fossil carbon in the atmosphere.”

**Thursday, January 21, 2016, 1-2:30 pm**

**Biodesign AL 1014**

Light refreshments provided

RSVP online or at the door: [bit.ly/SolarGeoengineering](http://bit.ly/SolarGeoengineering)

Join us as we explore solar geoengineering (the engineered alteration of earth's radiation budget) as a means of managing climate risk. What are the host of new risks associated with this technology? David Keith, one of the most prominent researchers advocating for research in this field, will review the science and technology and of solar geoengineering, arguing that systematic management of climate risks requires the capability to implement these technologies. He will explore the elements of a geoengineering research program needed to build and regulate such capability.



## David Keith

Harvard University

David Keith has worked near the interface between climate science, energy technology, and public policy for 25 years. He took first prize in Canada's national physics prize exam, won MIT's prize for excellence in experimental physics, and was one of TIME magazine's Heroes of the Environment 2009. David authored "A Case for Climate Engineering" and developed new methods for accurate measurement of global temperatures from space while building a high-accuracy infrared spectrometer for NASA's ER-2 and developed new methods for reservoir engineering increase the safety of stored CO<sub>2</sub>. David's work on technology and policy assessment has centered on the capture and storage of CO<sub>2</sub>, the economics and climatic impacts of large-scale wind power, the prospects for hydrogen fuel, and the use of expert judgments in policy assessments.

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