



David Keith

Director, ISEEE Energy and Environmental Systems Group

For more information about the Energy and Environmental Systems Group please visit the website at www.ucalgary.ca/ees/

Canada Research Chair in Energy and the Environment

Department of Chemical and Petroleum Engineering and Department of Economics, University of Calgary

Adjunct Professor Department of EPP, Carnegie Mellon

Earth
Sciences,
ES 602
University
of Calgary
2500
University
Drive NW
Calgary,
Alberta,
Canada
T2N 1N4
[keith\(at\)
ucalgary.ca](mailto:keith(at)ucalgary.ca)

**Executive
Assistant**
Hollie
Roberts
[robertsh
\(at\)
ucalgary.ca](mailto:robertsh(at)ucalgary.ca)
403-210-
8857

[Home](#)

[Research](#)

[Teaching](#)

[Publications](#)

[People](#)

[Jobs](#)

[Op Eds and
Other Media](#)

Professor Keith has worked near the interface between climate science, energy technology and public policy for twenty years. His work in technology and policy assessment has centered on the capture and storage of CO₂ ([click here](#)), the technology and implications of global climate engineering ([click here](#)), the economics and climatic impacts ([click here](#)) of large-scale wind power and the prospects for hydrogen fuel. As a technologist, David has built a high-accuracy infrared spectrometer for NASA's ER-2 and developed new methods for reservoir engineering increase the safety of stored CO₂. He now leads a team of engineers developing technology to capture of CO₂ from ambient air ([click here](#)) at an industrial scale.

David took first prize in Canada's national physics prize exam, he won MIT's prize for excellence in experimental physics, was listed as one of TIME magazine's Heroes of the Environment 2009 ([article](#)) and was named Environmental Scientist of the Year by Canadian Geographic in 2006 ([article](#)). He spent most of his career in the United States at Harvard University and Carnegie Mellon University before returning to Canada in 2004 to lead a research group in energy and environmental systems at the University of Calgary.

David has served on numerous high-profile advisory panels such as the UK Royal Society's geoengineering study, the IPCC, and Canadian 'blue ribbon' panels and boards. David has addressed technical audiences with articles in Science and Nature, he has consulted for national governments, global industry leaders and international environmental groups, and has reached the public through venues such as the BBC, NPR, CNN and the editorial page of the New York Times.

