

Pacific Northwest National Laboratory
Frontiers in Global Change Seminar Series
Presents

**Policy-Relevant Science to Help Solve
the Carbon-Climate Problem**



**Dr. Ken Caldeira was named
a "Hero Scientist of 2008"
by New Scientist magazine**

Speaker: Dr. Ken Caldeira

Date: Tuesday, March 17, 2009

Time: 9:30 - 10:30 a.m.

Place: EMSL Auditorium, PNNL Campus

Contact: Terrie Weber (509) 372-4380
or terrie.weber@pnl.gov

Website: <http://www.pnl.gov/atmospheric/seminars>

Topics that will be addressed:

- ▶ What's the current state of climate change?
- ▶ How is deforestation contributing to global warming?
- ▶ What are our options for stabilizing the climate?
- ▶ Geoengineering: controversial but potentially promising
- ▶ How are we using global climate models to answer policy questions?

Dr. Ken Caldeira will speak on global climate change and options for stabilizing it at the inaugural Frontiers in Global Change Seminar Series. The series features innovative and strategic speakers from industry, government, and academia discussing novel ideas and advancements in climate change and carbon management.

Caldeira is from the Carnegie Institution's Department of Global Ecology and is a Professor at Stanford University. He has studied issues such as ocean acidification, intentional intervention in the climate system, mass extinction events in Earth's geologic history, and the scale of change needed to address our current climate/carbon problem. His research has been reported widely in journals, mass media, and social media.



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