



Climate and Energy Decision Making

Sponsored Seminar

Lasse Wallquist

Institute for Environmental
Decisions at ETH Zurich

Presenting on:



Where there's smoke there's fire – The role of intuitive mental models for perceptions of CCS

May 2nd, 2011

12 noon

(Lunch served at 11:50 am)

129 Baker Conference Room
Department of Engineering and Public Policy

Seminar Abstract: Carbon dioxide capture and storage (CCS) is expected to contribute to a portfolio of low-carbon energy technologies to bridge the time to an energy production relying solely on renewable energy technologies. Public perception is an important factor influencing the political feasibility of CCS projects. We conducted a number of qualitative, quantitative, and experimental studies to examine the kinds of intuitive mental models that laypeople have about capturing CO₂ at power plants and storing it in the deep subsurface.

Speaker Bio: Lasse Wallquist is a PhD student and a research assistant at the Institute for Environmental Decisions at ETH Zurich. His research interests focus on risk perception and communication and the acceptance of energy technologies. He previously served as a research assistant in Reykjavik, Iceland, on a project investigating CO₂ injection into basalt at a geothermal power plant. He holds a master's degree in environmental sciences and human-environment systems, as well as a bachelor's degree in environmental sciences, both from ETH Zurich.

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