

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Webinar on Geologic Capture and Sequestration of Carbon

November 15, 2017

10:00-12:15 eastern

Preliminary Agenda

10:00 Session 1: Carbon Mineralization for Storage

10:00 Overview of the National Academies study and webinar

Introduction to this session

Peter Kelemen, Lamont-Doherty Earth Observatory, Session Moderator

10:10 Investigation of ex situ carbon mineralization using flue gas

Marco Mazzotti, ETH Zurich

10:25 Proposed injection of CO₂-rich fluid into basaltic lavas of the ocean crust offshore of Washington and British Columbia

Dave Goldberg, Lamont-Doherty Earth Observatory

10:40 Experimental investigation of reaction-driven cracking during mineral hydration and carbonation

Chris Spiers, Utrecht University

10:55 Discussion

11:15 Session 2: Experience With Storage in Subsurface Pore Space

11:15 Introduction to this session

Sally Benson, Stanford University, Session Moderator

11:25 Pilot experiments on carbon storage in subsurface pore space in Australia (audio only)

Jonathan Ennis-King, CSIRO

11:40 Monitoring of CO₂ storage at Sleipner and predictions for the future

Jerome Neufeld, University of Cambridge

11:55 Discussion

12:15 Webinar adjourns