

Please join us for our 2nd **Carbon Monitoring System (CMS) Applications Policy Speaker Series** talk!

Representation of the terrestrial system in Integrated Assessment Models

Katherine V. Calvin, Joint Global Change Research Institute

Thursday, March 27, 2014

At 12-1 PM Eastern

NASA Goddard Space Flight Center, Building 33, Room H114

You may also access the seminar remotely:

For audio **please call in to:**

Toll free: 877-691-2790

Access code: 100698

For live stream: <http://ecocast.adobeconnect.com/carbon>

All CMS Applications Policy Speaker Series talks, including this seminar, will be recorded and made available on the Carbon Monitoring System website: <http://carbon.nasa.gov>

About the talk

Integrated assessment models combine representations of the economy, the energy system, the terrestrial system, and the climate system. These models have been used extensively for scenario development and the analysis of mitigation strategies. This talk will describe the terrestrial component of a single integrated assessment model (GCAM), including the representation of the carbon cycle in the GCAM model. We will examine how the terrestrial system may evolve in the future under a variety of different conditions.

About our speaker



Katherine V. Calvin is a research economist at the Pacific Northwest National Laboratory's [Joint Global Change Research Institute](#) in College Park, MD. Her research focuses on model development and scenario analysis with the Global Change Assessment Model (GCAM), JGCRI's integrated assessment model. Her recent work has examined the impacts of bioenergy on land-use, the implications of delayed participation in climate stabilization scenarios, and the influence of second best policies on environmental effectiveness and economic efficiency. She received BS degrees in Mathematics and Computer Science from the University of Maryland and MS and PhD degrees in Management Science and Engineering from Stanford University.

If you would like to meet with the speaker after the talk, please contact Vanessa Escobar at vanessa.m.escobar@nasa.gov.

Next Seminar:

Ocean Acidification Policy: **Jeff Watters**, Ocean Conservancy. Wednesday, April 16, 2014, 12-1 PM Eastern, NASA/GSFC, Building 33, Room H114.