

Presentation: Carbon Cycle, Capture and Storage

- What:** America's efforts in carbon research will be discussed, as well as the role of carbon sequestration initiatives in climate change adaptation and mitigation strategies.
- Who:** U.S. Department of the Interior
- Where:** U.S. Center Meeting Room
- When:** **Thursday, December 10, 2009**
4:45 – 5:45 p.m.

Concentrations of carbon dioxide in the atmosphere have substantially increased, directly contributing to global warming and resulting in widespread adverse consequences. The United States government is committed to carbon research and monitoring, which is essential to develop science-based management practices for greenhouse gas mitigation on a global scale.

America's efforts to restrict carbon emissions include focus on carbon capture technologies, testing geologic sequestration methods, managing landscapes to increase biological uptake of carbon dioxide from the atmosphere, and understanding and monitoring the carbon cycle on land and in oceans. The U.S. Department of the Interior has a leadership role in improving predictions of geologic and biologic sequestration capacities as well as researching potential environmental effects.

For more information, visit:

<http://www.doi.gov/climatechange>

<http://pubs.usgs.gov/fs/2008/3097/pdf/CarbonFS.pdf>

