

Welcome to the Third SOCCR Stakeholder Workshop



Washington Marriott Hotel
Washington, DC
October 10, 2006

The State of the Carbon Cycle Report: North America
U.S. Climate Change Science Program SAP 2.2



An Introduction to The State of the Carbon Cycle Report (SOCCR)



SOCCR CCSP SAP 2.2

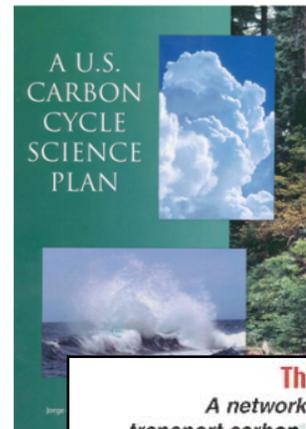


State of the Carbon Cycle Report

The SOCCR is a community effort...

- To summarize scientific knowledge about carbon cycle properties and changes, with a focus on North America.
- To provide scientific information for decision support and policy formulation concerning carbon.

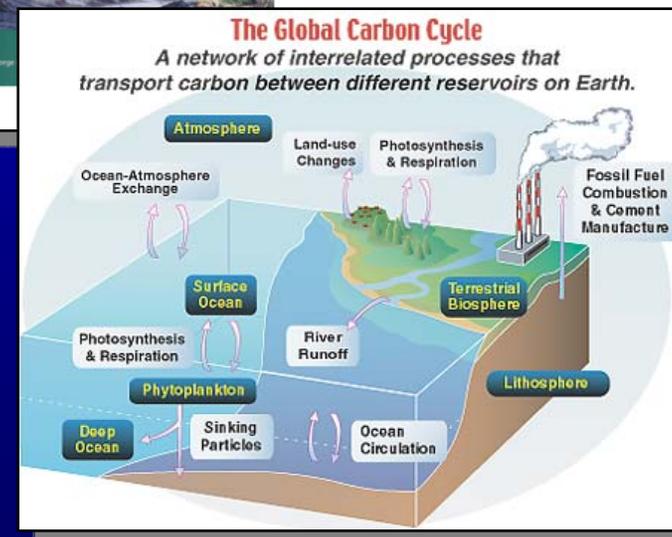
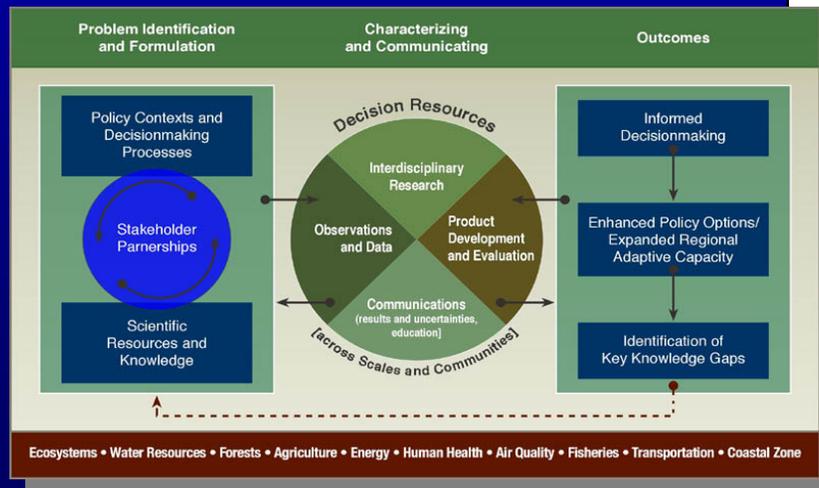
U.S. Carbon Cycle Science Plan



Plan Prepared by Scientists Active in Carbon Cycle Research for the U.S. Global Change Research Program (USGCRP)

Interagency:
NOAA, NASA, NSF, USDA, DOE, USGS

A Major Emphasis is Placed on Understanding North American Carbon Sources and Sinks



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State of the Carbon Cycle Report

A widely recognized need for a SOCCR predates the CCSP Synthesis and Assessment process

- “... a series of reports on the state of the carbon cycle designed to provide accurate, unbiased, and policy-relevant scientific information concerning the carbon cycle to a broad range of stakeholders.”
 - SOCCR Terms of Reference, U.S. Carbon Cycle Interagency Working Group
- “... a series of increasingly comprehensive and informative reports about the status and trends of carbon emissions and sequestration.”
 - Strategic Plan for the U.S. Climate Change Science Program



**The First
State of the Carbon Cycle Report
(SOCCR):
The North American Carbon Budget and
Implications for the Global Carbon Cycle**

**U.S. Climate Change Science Program
Synthesis and Assessment Product 2.2**

**(in public review;
scheduled for release March 2007)**

cdiac.ornl.gov/SOCCR/

www.climatechange.gov/Library/sap/sap2-2/default.htm/

**The First State of
the Carbon Cycle
Report (SOCCR):**

**The North American Carbon Budget and
Implication for the Global Carbon Cycle**



SOCCR CCSP SAP 2.2



State of the Carbon Cycle Report

The SOCCR community

- Authors
- Stakeholders
- SOCCR Coordinating Team
- SOCCR Agency Executive Committee
- Climate Change Science Program



SOCCR Science Questions

- What are the primary carbon sources and sinks in North America, and how are they changing?
- How do North American carbon sources and sinks relate to the global carbon cycle?
- How are North American carbon sources and sinks affected by present and anticipated future changes in human activities and climate?
- What are the primary uncertainties in the North American carbon budget, and what factors affect carbon budget uncertainties and information quality?
- What scientific information is most needed to support carbon management and climate policy decisions?

