

Coastal Carbon Data Assimilation Activity

- In response to request from NACP SSC
- “highlight current progress concerning our understanding of the carbon cycle of the coastal regions of North America.”

What elements are needed?

- Climatology
- pCO₂
- riverine delivery, inc losses and inputs on the way
- rates of processes
- models
- ocean color data and products
- uncertainty analysis
- quality control
- export out of coastal regions
- DIC, PIC, DOC, POC
- Nutrients
- Other fluxes

East Coast (including Gulf of Maine) - Cindy Pilskaln

Simone Alin

Wei-Jun Cai

Helmuth Thomas

Jim Churchill

Doug Vandemark

Dan Repeta

Marjorie Friedrichs

Wade McGillis

Joe Salisbury

Li-Qing Jiang

Chris Sabine

Gulf of Mexico (Paula Coble):

Wei-Jun Cai

Jim Ammerman

Laura Lorenzoni

Paula Coble

Lisa Robbins

Simone Alin

Chris Sabine

Steve Lohrenz

Mike Roman

West Coast (Simone Alin):

Mike Landry

Simone Alin

Chris Sabine

Xin Jin

Arctic (Helmuth Thomas):

Helmuth Thomas

Simone Alin

Joe Salisbury

Next steps

- Letter to OCB community to invite others to join activity
- Set up listserves or wiki for group communication
- Begin to identify projects that have data
- File project pages

<http://www.nacarbon.org/nacp/>