



North
American
Carbon
Program



**Coastal CARbon Synthesis (CCARS) Community Workshop
Woods Hole Oceanographic Institution, Clark 507
August 19-21, 2014**

POSTER LIST

As soon as you arrive on Tuesday morning, please hang your poster(s) on the boards set up on Clark 5 using the hanging materials provided. There are no assigned spaces. Posters may be left up through the entire workshop but please remove them and take them home with you after the workshop.

- B. A. Bergamaschi** et al. (***Presenter: R. A. Smith**), Potential changes in carbon, nutrient and sediment delivery to and carbon accumulation in coastal oceans of the eastern United States
- Miguel A. Goñi** et al., High-resolution distribution of particulate organic matter from surface underway systems – a tool to assess carbon stocks in ocean margins
- A. Hinson, R. A. Feagin*** (***presenter**), The geographic concentration of blue carbon in soil across the continental US: The early results
- X. Hu** et al., Long-term alkalinity decrease and acidification of estuaries in southwestern United States
- T.-H. Huang** et al., Distribution and seasonal variability of the inorganic carbon system in the Middle Atlantic Bight ocean margins
- Z. I. Johnson** et al., Dramatic variability of the carbonate system at a temperate coastal ocean site (Beaufort, North Carolina, USA) is regulated by physical and biogeochemical processes on multiple timescales
- G. G. Laruelle** et al., New strategies to quantify the CO₂ exchange at the air-water interface along the Land-Ocean Aquatic Continuum
- J. D. Lenters** et al., The Great Lakes Evaporation Network (GLEN): Building an integrated observing system for Great Lakes flux measurements
- H.-K. Lui** et al. (**Presenter: C.-T. Arthur Chen**), Looming hypoxia on outer shelves caused by reduced ventilation in the open oceans: Case study of the East China Sea
- I. Paynter** et al., Characterizing structural properties of saltmarshes with hyper-portable ground-based LiDAR
- D. Pilcher** et al. (**Presenter: G. McKinley**), Physical drivers of Lake Michigan biogeochemistry
- A. F. Rahman**, R. J. Kline, Monitoring seagrass distribution and disturbance with multi-frequency sidescan sonar

- P. Regnier** et al. (**Presenter: G. G. Laruelle**), Global carbon budget and its anthropogenic perturbation in the land-ocean Aquatic continuum
- J. J. Reimer** et al., Coastal freshwater influence on $p\text{CO}_2$ at the Gray's Reef mooring (NBDC-41008)
- W. Ren** et al. (**Presenter: H. Tian**), Increase in dissolved inorganic carbon flux from the Mississippi River to Gulf of Mexico due to climatic and anthropogenic changes over the 21st century
- S. R. Signorini** et al., Dissolved organic carbon fluxes in the Mid-Atlantic Bight
- H. Tian** et al., Interannual and seasonal patterns and controls of carbon fluxes from the Mississippi River Basin to Gulf of Mexico
- H. Tian** et al., Anthropogenic and climatic influences on carbon fluxes from eastern North America to the Atlantic Ocean: A process-based modeling study
- D. J. Tomaso**, R. G. Najjar, Seasonal and interannual variations in the dissolved oxygen budget of an urbanized tidal river: The Upper Delaware Estuary
- M. Tzortziou** et al., Carbon fluxes and exchanges at the tidal wetland-estuarine-atmosphere interface
- L. Windham-Myers** et al., Modeling long-term carbon accretion in tidal wetlands: Research approaches to meet policy needs for U.S. inventories and carbon markets
- Z. Xue** et al., Modeling $p\text{CO}_2$ variability in the Gulf of Mexico