



**POSTER SESSION:
GENERATION AND ASSIMILATION OF
COASTAL DATA STREAMS**

MONDAY, JUNE 6

APPLICATION OF DELFT3D IN THE SURF ZONE

Dykes, James D., Hsu, Y. Larry, Allard, Richard A., and Kaihatu, James

**AN EXTENDED VELOCITY PROJECTION METHOD FOR ESTIMATING THE
SUBSURFACE CURRENT AND DENSITY STRUCTURE FOR COASTAL PLUME
REGIONS: APPLICATION TO THE CHESAPEAKE BAY OUTFLOW PLUME**

Gangopadhyay, Avijit; Shen, Colin Y.; Marmorino, George O.; Mied, Richard P.; Lindemann, Gloria J.

**RESULTS FROM A REAL-TIME COUPLED BIO-PHYSICAL MODEL FOR THE US WEST
COAST**

John C. Kindle, Sergio DeRada, Robert Arnone, Igor Shulman, Bradley Penta, Stephanie Cayula

**OCEAN DATA ASSIMILATION AT THE BRAZILIAN MARINE METEOROLOGICAL
SERVICE**

Obino, Rodrigo S., Neves, Alberto P.C., Campos, Edmo J.D., Tanajura, Clemente A.S.

**REAL-TIME SURFACE VELOCITY MAPPING USING WELLEN RADARS IN THE
FLORIDA STRAITS**

Shay, Lynn K., Cook, Thomas M., Haus, Brian K., Gurgel, Klaus-Werner, Peters, Hartmut, Martinez-Pedraja, Jorge, Helzel, Thomas, Johns, William E.

EVALUATION OF AN NCOM-BASED, BIO-PHYSICAL COASTAL MODEL.

I. Shulman, J.C. Kindle, P.J. Martin, S.C. Anderson, B. Penta, and S. deRada

**THE HYCOM DATA SERVICE - AN ONLINE DATA STREAM FOR PROVIDING
BOUNDARY CONDITIONS TO COASTAL OCEAN MODELING CENTERS.**

Ashwanth Srinivasan, Steve Hankin, Kevin O'Brien and Eric P. Chassignet

**OBSERVING RIVER PLUMES ON THE CONTINENTAL SHELF USING AIRBORNE IN
SITU AND SATELLITE REMOTE SENSING: FEASIBILITY OF MERGING MICROWAVE
RADIOMETER AND VISIBLE OCEAN COLOR DATA TO DETERMINE SURFACE
SALINITY IN COASTAL REGIONS**

Wesson, Joel; Burrage, Derek; Brook, Jeffrey; Gallegos, Sonia; and Martinez, Carlos