



**POSTER SESSION:  
AIR-SEA INTERACTIONS AND DYNAMICAL  
COUPLED MODELS**

**TUESDAY, JUNE 7**

**A NUMERICAL INVESTIGATION OF FEEDBACK PROCESSES IN THE DROPLET  
EVAPORATION LAYER FOR TROPICAL CYCLONES**

J.-W. Bao, C. W., Fairall, J. Wilczak, and S. A. Michelson

**FINITE VOLUME METHOD FOR DYNAMICAL COUPLED MODELING IN COASTAL  
REGIONS**

Chenwu Fan and Peter Chu

**IMPLEMENTATION OF A HIGH RESOLUTION REAL-TIME NAVAL COASTAL OCEAN  
MODEL FOR THE CALIFORNIA CURRENT SYSTEM (RT-NCOMCCS)**

deRada, Sergio; Anderson, Stephanie; Kindle, John C; Penta, Bradley; Shulman, Igor

**AIR-SEA FLUXES FROM A COUPLED MODEL AND CBLAST OBSERVATIONS IN  
HURRICANE FABIAN (2003)**

Desflots, Melicie, and Chen, Shuyi S.

**EFFECTS OF THE CLIMATIC CHANGES ON THE OPTICAL PROPERTIES OF  
ATMOSPHERE**

G.N. Djanta and T.K. Edarh-Bossou

**SEASONAL AND INTERANNUAL VARIABILITY OF SEA-SURFACE CARBON DIOXIDE  
SPECIES AT THE ESTOC SITE BETWEEN 1996 AND 2004**

González-Dávila, Melchor; Santana-Casiano, J. Magdalena

**INFLUENCE OF THE STABILITY ON THE VERTICAL STRUCTURE OF THE MARINE  
ATMOSPHERIC BOUNDARY LAYER**

C.G. Helmis, Q. Wang, C.H. Halios and S. Wang

**APPLICATION AND VERIFICATION OF COAMPS<sup>®</sup> OCEAN DATA ASSIMILATION  
SYSTEM**

Hong, Xiaodong; Cummings, J. A. Wang, Shouping, Doyle, James; Hodur, Richard M.; Martin, Paul J.

**MODEL SIMULATION OF OCEANIC RESPONSE TO THE HURRICANE FORCING**

Ko, D. S.; Mitchell, D. A.; Teague, W. J.; Jacobs, G. A.; Preller, R. H.

**APPLICATIONS OF A GULF OF MEXICO MODEL**

James J. O'Brien and Steven L. Morey

**SURFACE DRIFT PREDICTION USING LINEAR AND NON-LINEAR HYPER-  
ENSEMBLES OF ATMOSPHERIC, OCEAN AND WAVE OPERATIONAL MODELS IN  
THE ADRIATIC**

Rixen, Michel and Ferreira-Coelho, Emanuel

**THREE-DIMENSIONAL COUPLED HYDRODYNAMIC-ECOLOGICAL OCEAN MODEL  
STUDIES OF NITROGEN/PLANKTON/ZOOPLANKON DYNAMICS IN THE  
SOUTHEASTERN AUSTRALIAN MARINE REGION**

Sandery, P.A.

**A TALE OF TWO HURRICANES: UPPER OCEAN RESPONSE TO ISIDORE AND LILI**  
Shay, Lynn K., Uhlhorn, Eric W., Jacob, S. Daniel, Cook, Thomas M., Guhin, Scott A., Halliwell, Jr., George R.

**ENSO-DRIVEN CHANGES IN CARBON FLUXES TO THE DEEP SEA OFF SOUTH JAVA**  
Tim Rixen<sup>1</sup>, Venugopalan Ittekkot<sup>1</sup>, Bambang Herunadi<sup>2</sup>, Patrick Wetzel<sup>3</sup>, E. Maier-Reimer<sup>3</sup>, and Birgit Gaye-Haake<sup>4</sup>