



5th Annual CoRP Science Symposium
Gilfillan Auditorium, Oregon State University
August 12-13, 2008 Corvallis, OR

AGENDA (August 11, 2008)

Satellite Data and Model Fusion

Tuesday August 12

8:30 AM Registration and Continental breakfast

9:00 AM Welcome, Logistics and Agenda

Ted Strub, CIOSS
Amy Vandehey, CIOSS

Session 1: Introduction and Overview

9:10 AM Annual CoRP Summary

Chris Brown, NOAA/STAR

9:30 AM Data and Models – Air-Sea Interaction

Ted Strub, CIOSS

9:50 AM NWS Operational Marine and Ocean Forecasting

Ming Ji, NOAA/NCEP

10:10 – 10:30 AM Coffee Break

Session 2: Application Areas

10:30 AM Operational Ocean and Climate Modeling at NCEP

Ming Ji, NOAA/NCEP

11:00 AM Coupled Climate Models in NOAA

Robert Hallberg, NOAA/GFDL

11:30 AM Development and Evolution of Operational Forecast Systems for the Coastal and Estuarine Environment in NOAA's National Ocean Service

Rich Patchen, NOAA/NOS

12:00 – 1:15 PM Lunch on own

Session 2: Application Areas Continued

1:15 PM Coastal Ocean Modeling at CIOSS

Alexander Kurapov, CIOSS

1:45 PM Coupled Coastal Models at CIOSS/UCLA

Dudley Chelton, CIOSS

2:15 PM Regional Earth System Model for Chesapeake Bay Prediction

Raghu Murtugudde, CICS

2:45 – 3:00 PM Afternoon Break

3:00 PM Combining Model and Satellite Information in Tropical Cyclone Forecast Products

Mark DeMaria/Andrea Schumacher,
CIRA

3:30 PM Precipitation Models as a Guide to Satellite Retrievals

Brian Vant-Hull, CREST

4:00 PM Fusing Satellite and In Situ Data with Model Output

Steve Ackerman, CIMSS

5:00 – 6:00 PM Reception (Burt 193, Foyer)

Wednesday August 13

8:00 AM Poster Set-up and Continental Breakfast

Session 3: Poster Session

9:00 AM Poster Overviews (1-slide, 2 minutes each poster)

10:15 AM Formal Poster Viewing (with Coffee Break – Gilfillan Aud. Foyer and Breezeway)

12:00 – 1:00 PM Lunch on own

Session 4: Specialized Cooperative Institute Projects

1:00 PM	In-Situ Data and Modeling for Advanced Retrieval Algorithms of Satellite Data for Coastal Water	Jing Zhou, CREST
1:20 PM	Development of Empirical HAB Habitat Models for Nowcasting and Forecasting	Clarissa Anderson, CICS
1:40 PM	Optical Classification of Red Tide Organism <i>K. brevis</i> in the Coastal Waters of the Gulf of Mexico	Ruhul Amin, CREST
2:00 PM	Combining Satellite and Model Information For Snow Detection	Yoo-Jeong Noh, CIRA
2:20 PM	A New, Merged Global Analysis of Precipitation	Mathew R P Sapiano, CICS

2:40 – 3:00 PM Afternoon Break

3:00 PM	Comparison of Surface Wind-SST Interactions Using Satellite Observations and Numerical Simulations	Larry O'Neill, NRL/CIOSS
3:20 PM	Air-Sea Interaction – Effects on the Troposphere	Qingtao Song, CIOSS
3:40 PM	Surface Flux Observations in the SE Tropical Pacific and Validation of Coupled Ocean-Atmosphere Climate Models	Simon de Szoeke, NOAA/ESRL
4:00 PM	Utilization of Forecast Models in High Temporal GOES Sounding Retrievals	Zhenglong Li, CIMSS
4:20 PM	Extending the CloudSat Domain for Product Development and Assimilation	Steve Miller, CIRA
4:40 PM	Improved MODIS Aerosol Retrieval using Modified VIS/MIR Surface Albedo Ratio Over Urban Scenes	Min Min Oo, CREST

5:00 PM Wrap-up/Best Poster Winner
All posters must be taken down

