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PECS 2012 Conference: Tuesday Presentations

Time	Name	Title
8:30	Shih-Nan Chen	Across-Stream Momentum Budget of Positively and Negatively Buoyant River Outflows
8:45	Julia Moriarty	Gravity-Driven Transport on a Relatively Flat Active Margin with Complicated Bathymetry: The Waipaoa River Continental Shelf
9:00	Carola van der Hout	A Closer Look into the Transport of Suspended Matter in the Rhine ROFI
9:15	Carl Friedrichs	Damping of Turbulence by Suspended Sediment: Ramifications of Under-Saturated, Critically-Saturated and Over-Saturated Conditions
9:30	Suzanna Jackson	Interactions Between Turbulence and Suspended Particulate Matter Characteristics in the River Estuary Transition Zone of a Macrotidal Estuary
9:45	AM Posters (see below)	
11:15	Robert Wilson	Interaction of Wind and Tidal Straining in Western Long Island Sound
11:30	Dave Ullman	Influence of Lateral Circulation and Intratidal Variability in Currents, Hydrography and Vertical Mixing on the Generation of Residual Currents in a Wide Estuary

11:45	Audric Collignon	Turbulence Dynamics and Vertical Mixing at the Shoal-Channel Interface in a Partially-Stratified Estuary
12:00	Kim Arnott	Temporal Variability of Dissipation from Channel to Channel Wall in a Coastal Plain Estuary
12:15	Malcolm Scully	Parameterizations of Turbulence in Estuarine Models: How Well Do We Really Understand Mixing?
12:30	Lunch	
13:45	John Simpson	"The Ekman Drain": A Conduit to the Deep Ocean for Shelf Material
14:00	Harvey Seim	Shelf and Slope Circulation Inshore of the Charleston Bump
14:15	Clinton Winant	Tidal Circulation on the Yucatan Shelf
14:30	Ismael Marion-Tapia	Astronomic, Atmospheric and Oceanographic Controls of Sea Level and Coastal Currents on a Wide and Shallow Continental Shelf
14:45	Charitha Pattiaratchi	Interactions between Dense Shelf Water Cascades and Wind Driven Upwelling in South-West Australia
15:00	PM Posters (see below)	

16:30	Gemma Franklin	Effect of Reef Roughness on Wave Set-Up and Surf Zone Currents
16:45	Cecilia Enriquez	Mechanisms Driving the Circulation in a Fringing Reef Lagoon: A Numerical Study
17:00	Sarah Giddings	Enhancement of Reverse Estuarine Circulation Events and Coastal Connectivity Due to Plume Intrusions from an Alongshore Estuary
17:15	Nick Nidzieko	Tidal Control of Biogeochemical Cycling in a Mesotidal Estuary

Morning Posters

William Stark	Glider-Based Observations of the Physical Forcing of Wintertime Blooms on the Outer Shelf and Slope in Long Bay, SC, USA
Erik Olvera-Prado	Hydrodynamics of the Papaloapan Basin Lagoons from Measurements and Numerical Modeling
Arnoldo Valle-Levinson	Residual Circulation in Fjords: Is It 2-Layered or 3-Layered?
Andy Manning	Observations of Floc Size and Settling Velocity Along a Longitudinal Estuarine Transect

Jianfeng Wang	The Influence of Discharge, Wind and Tides on Near Field Plume Dynamics
Wenxia Zhang	The Impact of Stratification on Bottom Boundary Layer Thickness within a Shelf
Erik Ensing	Three-dimensional tidal flows in estuaries with converging width and slippery bottom: A simple model

Afternoon Posters

Joe Jurisa	Mixing and Structure of a Buoyant Plume Subjected to Offshore Winds
Dennis Oberrecht	An Engineering Scientific Approach of Net Sediment Transport Behavior in the Ems Estuary, Germany
Nickitas Georgas	Validation of a Wetting and Drying Algorithm in a Shallow Tidal Creek and Marsh System
Jurre de Vries	Spatial and Temporal Variability of Tidal Characteristics in the Marsdiep
Johanna Rosman	Assessing the Performance of Standard Bottom Drag Parameterizations on Coral Reefs
Rocky Geyer	Estuarine Fronts and the Spring-Neap Transition

Last updated: August 13, 2012

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Mail: Woods Hole Oceanographic Institution, 266 Woods Hole Road, Woods Hole, MA 02543, USA.
E-Contact: info@whoi.edu; press relations: media@whoi.edu, tel. (508) 457-2000
Problems or questions about the site, please contact webdev@whoi.edu