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PECS 2012 Conference: Thursday Presentations

Time	Name	Title
8:30	Stefan Talke	Using Historical, 19th Century Tide Data to Understand Secular Variation in Estuarine Tidal Properties
8:45	Mick van der Wegen	Morphodynamic Modeling of Decadal Channel Evolution in San Pablo Bay, California: Why Does the Channel Narrow?
9:00	Bruce Jaffe	Mudflat Evolution at Decadal and Seasonal Time Scales
9:15	Sophie Ward	Impacts of Past and Future Sea-Level Rise on Shelf Sea Sediment Dynamics
9:30	Kelsey Fall	Controls on Particle Settling Velocity and Bed Erodibility in the Presence of Muddy Flocs and Pellets as Inferred by ADVs, York River Estuary, Virginia, USA
9:45	AM Posters (see below)	
11:30	Jessica Lacy	Wave-Height Evolution in the Shallows of San Francisco Bay
11:45	Neils Alebregtse	Non-linear Dynamics of Water and Sediment in Tidal Channel Networks
12:00	Eduardo Siegle	Changing Estuarine Processes through the Gradual Opening of a New Inlet

12:15	Jim Lerczak	Cross-shore Surface Transport by Shoaling Nonlinear Internal Waves
12:30	Lunch	
13:45	Rob Hetland	The Mississippi/Atchafalaya River Plume System
14:00	Yeping Yuan	Spreading and Mixing in Laboratory Plume Experiments
14:15	Kelly Cole	River Plume Source-Front Connectivity
14:30	Jennifer Brown	River, Wave and External Control of the Tidally-Dominated Long-Term Residual in an Estuarine Channel
15:00	PM Posters (see below)	
16:30	Mark Stacey	Horizontal Motions in Estuaries: The Range of Scales and the Implications for Horizontal Mixing
16:45	Johannes Becherer	Evidence of Tidal Straining in Well-Mixed Channel Flow from Micro-Structure

17:00	Ming Li	Vorticity Dynamics of Secondary Circulations in Idealized and Realistic Estuaries

Morning Posters

Alfonso de Almeida Paulo Salles	Dynamics of Sand Dunes in the Northern Yucatan Peninsula Coast
Robert Chant	Ekman Rectification in a Coastal Plain Estuary
Diane Fribance	Interaction of Near- and Super-Inertial Waves with East Flower Garden Bank
Catherine Edwards	Sea Breeze/Land Breeze (SBLB) Forced Currents in the Big Bend Region of the Gulf of Mexico
Janine Nauw	Long-Term Ferry-Based Observations of the Total Suspended Matter Flux through the Texel Inlet
Anna Zorndt	An Integrated Approach for Investigating the Impacts of Climate Change on the Weser Estuary
Kristen Thyng	Turbulence Comparisons Between Data and a ROMS Simulation in the Puget Sound Estuary
Fernando Marván	Use of Lagrangian Tracers and Numerical Modeling to Determine Residence Times and Inflow Distribution at San Quintin Lagoon

Afternoon Posters

Neil Ganju	A Tale of Two Marshes: Sediment Flux Mechanisms Near Blackwater National Wildlife Refuge
Carl Friedrichs	Relationships Between Erodibility and Fine-Grained Seabed Properties on Tidal to Seasonal Time-Scales, York River Estuary, Virginia, USA
Florence Verspecht	Sea Breeze Forcing of Near-Inertial Waves Near the Critical Latitude for Resonance
K. Chu	Data Assimilation for Morphodynamic Modeling
Huib de Swart	Salinity and Flow Distributions in Estuarine Networks
Youngmi Shin	The Characteristics of Near Surface Current Variability in Western LIS Using CODAR and ADCP Measurements

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