

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 Floccs 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

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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