



2004 Ocean Sciences Meeting

Wednesday Afternoon

Time	Sess.	Location	Title
1300	OS32D	OCC Hall A	Coastal Ocean Processes off the North American West Coast: Physical Dynamics and Biogeochemical Transformations I Posters Presiding: <i>B K Cervantes, Oregon State University; P F Choboter, Oregon State University</i>
1300	OS32D-01	OCC Hall A	Quantifying the Nitrogen Oxide Source from Coastal Upwelling *C D Nevison, T J Lueker, R F Weiss POSTER
1300	OS32D-02	OCC Hall A	Ocean Upwelling Control of Surface Air Temperature *R M Samelson, J Bane, M Meaux, S Haines POSTER
1300	OS32D-03	OCC Hall A	Air-Sea Gas Exchange in Tidal Fronts *B Baschek, D Farmer POSTER
1300	OS32D-04	OCC Hall A	The Marine Atmospheric Boundary Layer Over the Oregon Coastal Upwelling System During COAST Summer 2001 *M F Meaux, J M Bane POSTER
1300	OS32D-05	OCC Hall A	Horizontal Circulation and Momentum Balance off the Oregon Coast: Moored Observations During Summer 2001 *T J Boyd, M D Levine, P Kosro POSTER
1300	OS32D-06	OCC Hall A	Reconciliation of Bottom Stress Estimates From Near-Bottom Turbulence Measurements With the Velocity Profile in the Bottom Boundary Layer *A Perlin, J N Moum, J M Klymak, M D Levine, T Boyd, M P Kosro POSTER
1300	OS32D-07	OCC Hall A	Flow-Topography Interactions off the Oregon Coast *R M Castelao, J A Barth POSTER
1300	OS32D-08	OCC Hall A	From Blobs to Layers: What Dye Injections Over the Continental Shelf Reveal About the Formation of Persistent Thin Layers of Plankton *T J Cowles, R A Desiderio, C E Wingard, A C Dale, J A Barth, M D Levine POSTER
1300	OS32D-09	OCC Hall A	The Spatial and Temporal Variability in Oceanographic and Meteorologic Forcing along Central California *D K Wingfield, C D Storlazzi, J A Reid, O Franco POSTER
1300	OS32D-10	OCC Hall A	Spatial and Temporal Variability of Phytoplankton over the Continental Shelf of Central California *A J Vander Woude, A Lucas, R Kudela, J Largier

			POSTER
1300	OS32D-11	OCC Hall A	CoOP-WEST Hydrography And Other Ship-Based Measurements *N Garfield, J Largier, D Peterson, R Long POSTER
1300	OS32D-12	OCC Hall A	An Investigation of the Current Structure of the Shelf/Slope Front of the Middle Atlantic Bight Using a 10-year ADCP Record from the VOS ship, MV Oleander C N Flagg, *M Dunn, D Wang POSTER
1300	OS32D-13	OCC Hall A	Warm Eddies off the Oregon-Washington Coast and Their Interaction with the Columbia River Plume and Heceta Bank *I M Belkin, P Orton, D Jay, T Sanders, J A Barth, S D Pierce, M Kosro, T Strub POSTER

Thursday Morning

Time	Sess.	Location	Title
0830	OS41E	OCC Hall A	Coastal Ocean Processes off the North American West Coast: Physical Dynamics and Biogeochemical Transformations II Posters Presiding: <i>Z Chase, State University of New York at Stony Brook; T J Boyd, Oregon State University</i>
0830	OS41E-01	OCC Hall A	Using Carbon Isotope Ratios to Assess DOC Photochemistry *S R Beaupre, E R Druffel, S Griffin, D J Kieber POSTER
0830	OS41E-02	OCC Hall A	Radiocarbon-Depleted Particulate Organic Carbon Suspended in a Small Mountainous River: Implications for Open-Ocean Export *T Komada, E R Druffel, S E Trumbore POSTER
0830	OS41E-03	OCC Hall A	Connection between land and deep sea: a study of $\Delta^{14}\text{C}$ and $\delta^{13}\text{C}$ in marine and riverine particulate organic carbon (POC) and sedimentary organic carbon (SOC) *J Hwang, E R Druffel, S Griffin POSTER
0830	OS41E-04	OCC Hall A	Distribution and Behavior of Iron Along the Oregon Coast During the Upwelling Season of 2001 *Z Chase, R Schwartz, A van Geen POSTER
0830	OS41E-05	OCC Hall A	Bio-Optical Signatures of Episodic Particulate Maxima in the Benthic Boundary Layer Over the Oregon Continental Shelf Between January and March, 2003 *C E Wingard, T J Cowles, M D Levine, Z Chase POSTER
0830	OS41E-06	OCC Hall A	Tracking Freshwater Inputs to Coastal Waters in the Vicinity of Bodega Bay, California *A D Russell, J L Largier, M A Kennedy, H J Spero POSTER
0830	OS41E-07	OCC Hall A	Spatial and Temporal Patterns of Phytoplankton Biomass and Productivity in Relation to Wind Stress: Is There An Optimum? *R M Kudela, N Garfield, K W Bruland POSTER

0830	OS41E-08	OCC Hall A	Long-term, high-frequency variability in nitrate concentrations during WEST (Bodega, northern California). J Largier, D Dugdale, *E Dever, A Marchi POSTER
0830	OS41E-09	OCC Hall A	Using Shipboard Enclosures to Understand the Controls on New Production in Upwelling Ecosystems *V E Hogue, D C Richard, A Marchi, A Lassiter, F Wilkerson POSTER
0830	OS41E-10	OCC Hall A	The Importance of Diatom Blooms on Biogeochemical Transformations in The Coastal Upwelling Ecosystem off Bodega Bay, CA. *F P Wilkerson, A Lassiter, R C Dugdale, A Marchi, V Hogue POSTER
0830	OS41E-11	OCC Hall A	Relative Grazing Impact of Mesozooplankton in an Upwelling Region off Northern California, 2000-2003 *A M Slaughter, S M Bollens, G R Bollens POSTER
0830	OS41E-12	OCC Hall A	Entrainment, Advection, and Loss of Zooplankton Within a Jet System off of Heceta Bank, OR, August 2001 *J F Lamb, W T Peterson POSTER
0830	OS41E-13	OCC Hall A	Cross-shelf Distribution of Copepods in the Northern California Upwelling Zone and the Role of Event-Scale Winds *K M Papastephanou, S M Bollens, A M Slaughter POSTER
0830	OS41E-14	OCC Hall A	Zooplankton Distribution, Abundance, and Size Structure, as determined by Optical Plankton Counter, in Relation to Wind Strength and Upwelling off the Northern California Coast *S R Avent, S M Bollens, D Peterson, N Garfield POSTER

Thursday Afternoon

Time	Sess.	Location	Title
1400	OS42M	OCC A105	Coastal Ocean Processes off the North American West Coast: Physical Dynamics and Biogeochemical Transformations III Presiding: <i>M D Levine, Oregon State University; D M Kaplan, University of California, Davis</i>
1400	OS42M-01	OCC A105	Novel Appearance of Severe Inner-Shelf Hypoxia in the California Current System *B A Grantham, F Chan, K J Nielsen, D S Fox, J A Barth, A Huyer, J Lubchenco, B A Menge
1415	OS42M-02	OCC A105	The Nature of Flow and Transport in and Around Giant Kelp (<i>Macrocystis pyrifera</i>) Forests *J Rosman, J Koseff, S Monismith, C Storlazzi, W Shaw, B Gaylord
1430	OS42M-03	OCC A105	Interaction of a Dye Tracer with an Upwelling Front during Variable Winds *A C Dale, J A Austin, J A Barth, M D Levine, S D Pierce
1445	OS42M-04	OCC A105	Measurements of Mixing Off the Coast of Oregon Using Autonomous Underwater Vehicle *H Wijesekera, T Boyd, S Pegau, I Maccallum, G May, C Waluk

1500	OS42M-05	OCC A105	Turbulent Near-Bottom Internal Bores \& Solitary Waves of Elevation Over the Continental Shelf *J N Moum, A D Barton, J D Nash, A Perlin, J M Klymak, G S Avicola
1545	OS42M-06	OCC A105	Vertical fluxes of nitrate on the Oregon shelf based on co-incident high-resolution measurements of nitrate gradients and turbulent mixing rates *P Covert, B Hales, J Moum, J Jennings, L Bandstra
1600	OS42M-07	OCC A105	Microstructure Measurements of a Summer Downwelling Event *M W Ott, J A Barth, A Y Erofeev
1615	OS42M-08	OCC A105	Cross-Shelf Biogeochemical Succession and Phytoplankton Blooms in an Upwelling Ecosystem. *F Chan, B A Menge, K J Nielsen, B A Grantham
1630	OS42M-09	OCC A105	Spatial Variations in Phytoplankton Pigment Ratios and Optical Properties in Relation to Environmental Gradients in Oregon Coast Surface Waters *L B Eisner, T J Cowles
1645	OS42M-10	OCC A105	Impact of mesoscale eddies on chlorophyll distribution throughout the Gulf of Alaska *W R Crawford, P J Brickley, A C Thomas

Friday Morning

Time	Sess.	Location	Title
0830	OS51L	OCC A105	Coastal Ocean Processes off the North American West Coast: Physical Dynamics and Biogeochemical Transformations IV Presiding: <i>R Kudela, University of California, Santa Cruz; B Hales, Oregon State University</i>
0830	OS51L-01	OCC A105	Physical-Biogeochemical Interactions and CO ₂ Air-Sea Exchange Along the U.S. West Coast *G Plattner, H Frenzel, N Gruber, A Leinweber, P Marchesiello, J C McWilliams, G E Friederich, F P Chavez
0845	OS51L-02	OCC A105	Off-Shelf Export of POC from the Oregon Coast: Implications for Uptake of Atmospheric CO ₂ *B Hales, L Karp-Boss, J Moum, P Wheeler, P Covert, L Bandstra
0900	OS51L-03	OCC A105	Coastal winds and pressure signals along the Baja California and Southern California Coasts *M López, J Pineda
0915	OS51L-04	OCC A105	A Description of Pressure in the Santa Barbara Channel and Santa Maria Basin in the Vicinity of Point Conception, California *C A English, C D Winant
0930	OS51L-05	OCC A105	Nutrient Control of New Production Rates in Coastal Upwelling Ecosystems. *R C Dugdale, V Hogue, F P Wilkerson, A Marchi
1015	OS51L-06	OCC A105	Wind, Wind Stress and Curl of the Wind Stress from Buoys off Bodega Bay. *C E Dorman, E Dever, J L Largier, d Koracin
1030	OS51L-07	OCC A105	Surface currents along the coast of northern California derived from high-frequency radar data *D M Kaplan, J L Largier, L W Botsford

1045	OS51L-08	OCC A105	Winter Conditions At An Upwelling Center Off Bodega, CA During CoOP WEST *R Long, N Garfield, J Largier
1100	OS51L-09	OCC A105	Wintertime Downwelling off the Central Oregon Coast *J A Barth, S D Pierce, A C Dale, T J Cowles, R O'Malley
1115	OS51L-10	OCC A105	Winter on the Oregon Continental Shelf: the Effects of Episodic Wind Forcing and River Runoff on Dissolved and Particulate Optical Properties *T J Cowles, R A Desiderio, C E Wingard, J A Barth

Friday Afternoon

Time	Sess.	Location	Title
1400	OS52I	OCC A105	Coastal Ocean Processes off the North American West Coast: Physical Dynamics and Biogeochemical Transformations V Presiding: <i>N Garfield, San Francisco State University; C A Lawrence, University of California, Davis</i>
1400	OS52I-01	OCC A105	Spring Upwelling in the Southern California Bight - Three Seasons of Observation *E E McPhee-Shaw, D Siegel, L Washburn, D Reed, M Brzezinski
1415	OS52I-02	OCC A105	Circulation in the Juan de Fuca Eddy Region - Observational and Modeling Results *A MacFadyen, M G Foreman, B M Hickey, V Trainer
1430	OS52I-03	OCC A105	Modeling of an Upwelling Event and its Effects on Biogeochemical Cycles in Santa Monica Bay, California *H Frenzel, N Gruber, X Capet, P Marchesiello, J C McWilliams
1445	OS52I-04	OCC A105	The Dependence of Biological Productivity in Coastal Upwelling Systems on Daily Scale Temporal Variability in Winds *L W Botsford, C A Lawrence, E P Dever, A Hastings, J Largier
1500	OS52I-05	OCC A105	Influence of Physical and Biological Model Structure on Results of Coupled Biological-physical Models of Coastal Upwelling *C A Lawrence, L W Botsford, A Hastings, E Dever, J Largier
1545	OS52I-06	OCC A105	Comparison of Two- and Three-Dimensional Simulations of the Ecosystem Response to Upwelling off the Oregon Coast *Y H Spitz, J S Allen, J Gan
1600	OS52I-07	OCC A105	Numerical Modeling of Wind-driven Flow on the Northern California Shelf *B T Kuebel Cervantes, J S Allen
1615	OS52I-08	OCC A105	Data assimilation studies of the wind-driven coastal ocean circulation off Oregon *A L Kurapov, J S Allen, G D Egbert, R N Miller, P M Kosro, M D Levine, T Boyd, J A Barth, J N Moum
1630	OS52I-09	OCC A105	Dynamical Forcing of the California Undercurrent *P F Choboter, J S Allen, R M Samelson, J C Kindle
1645	OS52I-10	OCC A105	Development of a Feature-Oriented Regional Modeling System (FORMS) for the California Current System *A Gangopadhyay, H Kim

Continue/Save

Page 1 of 1