

2008 OSM Schedule at a Glance
Saturday, March 1, 2008

Room	W304 A/B	W304 C/D	W304 E/F	W108	W101	W102	W205 B/C	W202	W105	W304 G/H	W110	W204	W203	W109 B	W109 A	W103	Room
All Day	LOCO - Data Workshop - Orange County Convention Center																All Day

Sunday, March 2, 2008

Room	W304 A/B	W304 C/D	W304 E/F	W108	W101	W102	W205 B/C	W202	W105	W304 G/H	W110	W204	W203	W109 B	W109 A	W103	Room
All Day	LOCO - Data Workshop (con't from Saturday) - Orange County Convention Center																All Day
All Day	CoOP Meeting - Coastal Ocean Processes - Orange County Convention Center																All Day
All Day	DIMES Town Hall - Orange County Convention Center																All Day
All Day	National Federation of Regional Associates for Ocean & Coastal Observing Retreat - Orange County Convention Center																All Day

2008 OSM Schedule at a Glance

Monday, March 3, 2008

Withdrawals are not reflected on this schedule. All cancellations will be noted on the addendum. If you have previously contacted us to cancel your participation at the meeting, we have your request and will note all cancellations on the program addendum.

Room	W304 A/B	W304 C/D	W304 E/F	W108	W101	W102	W205 B/C	W202	W105	W304 G/H	W110	W204	W203	W109 B	W109 A	W103	Room
8:00 - 10:30	119: Operational Oceanography: Assimilation, Modeling, and Applications in Coastal/Estuarine Ecosystems and Living Marine Resources	022: Trace Metal Biogeochemistry Interactions Between Atmosphere and Ocean	021: Biological Oceanography, Marine Biology: General	025: Taxon-specific Biogeochemistry in Aquatic Systems – Who does what?	179: Marine Predator Hot Spots	192: Human Impact in Large Connected Ecosystems: Watershed-Coastal Coupling	120: Oceans and Human Health: Identifying and Understanding Ocean Health Benefits and Threats	028: Nearshore Processes	183: Interannual Trends in Phytoplankton Dynamics in Coastal Ecosystems	088: Characterization and Modeling of Ocean Features	157: Arctic Sea Ice Variability Interacted with Atmospheric and Ocean Circulation Patterns	058: Oceanic Observations and Geophysical Fluid Dynamics	052: Synthesis of Coupled Physical-ecosystem Dynamics and Linkages to Environmental Forcing On Event to Climate	068: Oceanic Overflows and Dense Gravity Currents: Observations, Modeling and Parameterization	059: Eddies, Fronts and Sub-Mesoscale Processes In The Upper Ocean	042: Outreach in Ocean Sciences - Taking the Ocean to the Classroom	8:00 - 10:30
10:30 - 13:30	Break, Plenary: David M. Rubin, Lunch																10:30 - 13:30
12:00 - 13:30	IMBER Project - W101																12:00 - 13:30
12:00 - 13:30	NOAA Town Hall: Ecosystems Based Ocean Research - W105																12:00 - 13:30
13:30 - 15:30	119: Operational Oceanography: Assimilation, Modeling, and Applications in Coastal/Estuarine Ecosystems and Living ;Marine Resources	022: Trace Metal Biogeochemistry Interactions Between Atmosphere and Ocean	142: Nutrient Cycling at the Sediment-water Interface	025: Taxon-specific Biogeochemistry in Aquatic Systems – Who does what?	180: Long-term Ecological Research in the Deep Sea	196: Impacts of Everglades Restoration on the South Florida Coastal Marine Environment	120: Oceans and Human Health: Identifying and Understanding Ocean Health Benefits and Threats	134: Toward Integrating Source-to-Sink Field Studies of Sediment Dispersal Systems	005: Role of the Oceans in Climate Variability Over the Americas	154: Forecast, Predictability and Data Assimilation	200: Committee's Choice	058: Oceanic Observations and Geophysical Fluid Dynamics	052: Synthesis of Coupled Physical-ecosystem Dynamics and Linkages to Environmental Forcing On Event to Climate	182: Variability and Trends in Oceanic Oxygen: From a Tracer of Biological Production to a Bellwether of Climate	059: Eddies, Fronts and Sub-Mesoscale Processes In The Upper Ocean	077: Education and Outreach Using Ocean Observing Systems.	13:30 - 15:30
15:30 - 16:00	Break																15:30 - 16:00
16:00 - 17:30	119: Operational Oceanography: Assimilation, Modeling, and Applications in Coastal/Estuarine Ecosystems and Living Marine Resources	022: Trace Metal Biogeochemistry Interactions Between Atmosphere and Ocean	102: The Gulf of Maine: Biogeochemical & Ecosystem Dynamics, Land-Water Interface Exchanges, Physical and Biological Coupling, & Human Induced Change	025: Taxon-specific Biogeochemistry in Aquatic Systems – Who does what?	198: Impacts and Interactions of Soft-bottom Benthic Systems	196: Impacts of Everglades Restoration on the South Florida Coastal Marine Environment	120: Oceans and Human Health: Identifying and Understanding Ocean Health Benefits and Threats	165: Advances in Coastal Morphodynamics: From Estuaries and Beaches to Deltas and Shelves	056: Ecosystem Research Informing Management Decisions	098: Contribution of Data Assimilation to Ocean Modeling	089: Groundwater Inputs to the Ocean	105: Diurnal Variability in the Surface Ocean and in Air-Sea Interaction	052: Synthesis of Coupled Physical-ecosystem Dynamics and Linkages to Environmental Forcing On Event to Climate	068: Oceanic Overflows and Dense Gravity Currents: Observations, Modeling and Parameterization (continued from morning)	059: Eddies, Fronts and Sub-Mesoscale Processes In The Upper Ocean	077: Education and Outreach Using Ocean Observing Systems.	16:00 - 17:30
17:30 - 19:30	Monday Poster Sessions - West Exhibit Hall A1 & A2																17:30 - 19:30
	006: Watersheds to the Global Ocean: Spaceborne Measurements of Water Surfaces and Modeling Flows 010: Physical Oceanography and Limnology: General 012: Implicit and Adjoint Techniques and Their Application to Ocean Circulation and Biogeochemical Problems 013: Ridge-To-Reef: Impacts of Watershed Change on Tropical Coastal Ecosystems 022: Trace Metal Biogeochemistry - Interactions Between Atmosphere and Ocean 025: Taxon-specific Biogeochemistry in Aquatic Systems - Who does what? 030: Environmental Records of Anthropogenic Impacts On Coastal Ecosystems 032: Oceanic Flows Past Sea Mountains and Islands and Their Marine Environmental Impacts 046: Operational Oceanography: Assimilation, Modeling, and Applications in the Global Ocean 051: Watersheds, Lakes, Rivers, Estuaries: General 052: Synthesis of Coupled Physical-ecosystem Dynamics and Linkages to Environmental Forcing On Event to Climate 057: Ocean-atmosphere Exchanges and Meridional Transports in Global Water and Energy Cycles 058: Oceanic Observations and Geophysical Fluid Dynamics 059: Eddies, Fronts and Sub-Mesoscale Processes In The Upper Ocean 065: Advances in the Application of Chemical Biomarkers in Aquatic Ecosystems 066: Linking Ecosystem Health to Marine Animal Health 068: Oceanic Overflows and Dense Gravity Currents: Observations, Modeling and Parameterization 079: Photobiogeochemistry: Shedding Light on Biogeochemical Cycles from Rivers to the Sea 084: Harmful Algal Blooms: Interactive Influence of Nutrient Competition, Differential Grazing, and Other Causative									100: Operational Oceanography: Observing System Design & Implementation 104: Coastal Sensor Networks and Ocean Microbial Fuel Cell Technology 107: Ecology and Oceanography of Harmful Algal Blooms: Regional and Comparative Studies of the GEOHAB and ECOHAB Programs 108: Controls on Carbon Biogeochemistry and Fluxes and Their Associated Scales of Variability in Ocean Margins 110: Transport and Mixing in Flows Through Aquatic Vegetation 119: Operational Oceanography: Assimilation, Modeling, and Applications in Coastal/Estuarine Ecosystems and Living Marine Resources 120: Oceans and Human Health: Identifying and Understanding Ocean Health Benefits and Threats 137: Oceanic and Meteorological Measurements From Voluntary Observing Ships and Other Platforms of Opportunity 139: Applications of Remote Sensing Data for Assessing and Monitoring Coastal and Inland Water Quality 141: Hydrodynamics and Morphodynamics of Marshes and Shallow Coastal Environments 147: In, Around, and Out: Autochthonous Production, Allochthonous Inputs, and Downstream Transport of Riverine 151: Hurricane-generated Waves, Currents and Storm Surge 168: Small Mountainous Rivers: From the Watershed to the Global Ocean 172: The Atlantic Meridional Overturning Circulation and Decadal Predictability 184: Enhance Our Vision in Underwater Environments 187: Mercury Pollution: Towards a Holistic Appraisal of Sources, Environmental Cycling, Biotic Exposure, Consequences, & Management 192: Human Impact in Large Connected Ecosystems: Watershed-Coastal Coupling 196: Impacts of Everglades Restoration on the South Florida Coastal Marine Environment 197: New Perspectives in Silicon Cycling: from Rivers to Seas and Sediments							
19:30 - 21:30	OACOM - Open Access Town Hall - W102																19:30 - 21:30
19:30 - 21:30	UM RSMAS Town Hall - W103																19:30 - 21:30
19:30 - 21:30	Consortium for Ocean Leadership Town Hall - W105																19:30 - 21:30
19:30 - 21:30	NOPP Community Sediment-Transport Model Town Hall - W108																19:30 - 21:30
19:30 - 21:30	TOS Anniversary Reception - W311B																19:30 - 21:30
21:30	UM RSMAS Reception (Following Town Hall) - W103																21:30

2008 OSM Schedule at a Glance

Tuesday, March 4, 2008

Withdrawals are not reflected on this schedule. All cancellations will be noted on the addendum. If you have previously contacted us to cancel your participation at the meeting, we have your request and will note all cancellations on the program addendum.

Room	W304 A/B	W304 C/D	W304 E/F	W108	W101	W102	W205 B/C	W202	W105	W304 G/H	W110	W204	W203	W109 B	W109 A	W103	Room
8:00 - 10:30	139: Applications of Remote Sensing Data for Assessing and Monitoring Coastal and Inland Water Quality	079: Photobiogeochemistry: Shedding Light on Biogeochemical Cycles from Rivers to the Sea	197: New Perspectives in Silicon Cycling: from Rivers to Seas and Sediments	110: Transport and Mixing in Flows Through Aquatic Vegetation	094: Coastal Ocean Modeling and Prediction	011: River-dominated Ocean Margins in the Context of Climate Change	084: Harmful Algal Blooms: Interactive Influence of Nutrient Competition, Differential Grazing, and Other Causative	028: Nearshore Processes (continued from Monday)	173: Multidisciplinary Approaches to Larval Dispersion and Connectivity	040: Ecosystem in Sea Ice Influenced Areas	003: Ocean Acidification: Causes and Impacts on Biogeochemical Processes, Biota and Climate	032: Oceanic Flows Past Sea Mountains and Their Marine Environmental Impacts	034: Climate Impacts on Sub-polar Seas: Mechanisms of Change and Evidence of Response	067: Variability and Mixing Near Topography	059: Eddies, Fronts and Sub-Mesoscale Processes In The Upper Ocean	001: ASLO Multicultural Program Student Symposium	8:00 - 10:30
10:30 - 13:30	Break, Plenary: Broecker; Sverdrup Lecture, Lunch																10:30 - 13:30
12:00 - 13:30	NOAA Tides and Currents Town Hall - W101																12:00 - 13:30
12:00 - 13:30	C6 Multi Sensor Platform & PhytoFlash Workshop - W102																12:00 - 13:30
12:00 - 13:30	Metadata Tutorials for Ocean Scientists Workshop - W105																12:00 - 13:30
12:00 - 13:30	Student Development Workshops - W311 E,F,G																12:00 - 13:30
12:00 - 13:30	Understanding Climate Impacts in Sub-arctic Seas: Ecological Issues and Comparative Approaches Workshop - W203																12:00 - 13:30
13:30 - 15:30	139: Applications of Remote Sensing Data for Assessing and Monitoring Coastal and Inland Water Quality	079: Photobiogeochemistry: Shedding Light on Biogeochemical Cycles from Rivers to the Sea	197: New Perspectives in Silicon Cycling: from Rivers to Seas and Sediments	168: Small Mountainous Rivers: From the Watershed to the Global Ocean	094: Coastal Ocean Modeling and Prediction	104: Coastal Sensor Networks and Ocean Microbial Fuel Cell Technology	084: Harmful Algal Blooms: Interactive Influence of Nutrient Competition, Differential Grazing, and Other Causative	072: Nearshore and Coastal Regions: General	200: Committee's Choice	014: Polar Biogeochemistry	003: Ocean Acidification: Causes and Impacts on Biogeochemical Processes, Biota and Climate	017: Biophysical Interactions at Inertial and Dissipation Scales	057: Ocean-atmosphere Exchanges and Meridional Transports in Global Water and Energy Cycles	117: Turbulence, Mixing, and Multi-scale Interactions in Estuaries and Nearshore Environments	152: Lateral Mixing in the Ocean from Meters to Mesoscale	020: Underrepresented But Not Forgotten: How to Increase Student Diversity in Marine Science	13:30 - 15:30
15:30 - 16:00	Break																15:30 - 16:00
16:00 - 17:30		096: Trace Metal Cycling Along the Ocean-continent Boundary: Benthic-pelagic Coupling	164: Improving Geosciences Education and Public Outreach: Sharing Strategic and Rewarding Approaches	051: Watersheds, Lakes, Rivers, Estuaries: General	135: What is Being Done in the Caribbean? Who, How and Why, Should We Be Partners?	104: Coastal Sensor Networks and Ocean Microbial Fuel Cell Technology	107: Ecology and Oceanography of Harmful Algal Blooms: Regional and Comparative Studies of the GEOHAB and ECOHAB Programs	165: Advances in Coastal Morphodynamics: From Estuaries and Beaches to Deltas and Shelves (continued from Monday)	174: Sharing Scientific Ocean Drilling's Greatest Hits with Educators	014: Polar Biogeochemistry	003: Ocean Acidification: Causes and Impacts on Biogeochemical Processes, Biota and Climate	017: Biophysical Interactions at Inertial and Dissipation Scales	057: Ocean-atmosphere Exchanges and Meridional Transports in Global Water and Energy Cycles	117: Turbulence, Mixing, and Multi-scale Interactions in Estuaries and Nearshore Environments	012: Implicit and Adjoint Techniques and Their Application to Ocean Circulation and Biogeochemical Problems	001: ASLO Multicultural Program Student Symposium (continued from morning)	16:00 - 17:30
17:30 - 19:30	Tuesday Poster Sessions - West Exhibit Hall A1 & A2																17:30 - 19:30
	001: ASLO Multicultural Program Student Symposium 003: Ocean Acidification: Causes and Impacts on Biogeochemical Processes, Biota and Climate 005: Role of the Oceans in Climate Variability Over the Americas 007: Geology and Geophysics: General 011: River-dominated Ocean Margins in the Context of Climate Change 014: Polar Biogeochemistry 017: Biophysical Interactions at Inertial and Dissipation Scales 019: Mixing in the Ocean 024: Coastal Ocean Processes: Integration and Synthesis of Interdisciplinary Shelf Studies 026: Research Experiences of Undergraduates in Aquatic Sciences 028: Nearshore Processes 029: Ecology and Oceanography of Thin Plankton Layers 031: Global Ocean Holozooplankton Diversity: Assessment, Analysis, and Prediction 034: Climate Impacts on Sub-polar Seas: Mechanisms of Change and Evidence of Response 040: Ecosystem in Sea Ice Influenced Areas 041: Juvenile Copepods in Planktonic Communities 042: Outreach in Ocean Sciences - Taking the Ocean to the Classroom 053: Arctic Marine Communities and Biodiversity 067: Variability and Mixing Near Topography 072: Nearshore and Coastal Regions: General								074: Influence of Recent Changes in the Arctic 077: Education and Outreach Using Ocean Observing Systems. 085: The Nordic Seas and the North Atlantic's Subpolar Gyre: Similarities, Differences, and Interconnection 088: Characterization and Modeling of Ocean Features 094: Coastal Ocean Modeling and Prediction 098: Contribution of Data Assimilation to Ocean Modeling 111: Environmental Change: General 112: Natural Iron Fertilization in the Southern Ocean, and Implications for the Biological Carbon Pump 125: Collaborative Partnerships in Ocean Science Education 129: The Ecosystem of the Beaufort Sea 152: Lateral Mixing in the Ocean from Meters to Mesoscale 154: Forecast, Predictability and Data Assimilation 157: Arctic Sea Ice Variability Interacted with Atmospheric and Ocean Circulation Patterns 160: Reconstruction of Global Paleoceanic Environments 164: Improving Geosciences Education and Public Outreach: Sharing Strategic and Rewarding Approaches 173: Multidisciplinary Approaches to Larval Dispersion and Connectivity 174: Sharing Scientific Ocean Drilling's Greatest Hits with Educators 181: Novel Approaches for Improving Ocean Science Literacy in K-12 Classrooms 183: Interannual Trends in Phytoplankton Dynamics in Coastal Ecosystems 199: Other								17:30 - 19:30
19:30 - 21:30	GHRST-PP Diurnal Variability 4th Workshop - W101																19:30 - 21:30
19:30 - 21:30	Charting the Course for an Ocean Research Priorities Plan & Implementation Strategy - W103																19:30 - 21:30
19:30 - 21:30	Ocean Observatories Initiative - W105																19:30 - 21:30
19:30 - 21:30	Ocean Acidification: Towards an Interagency Approach - W108																19:30 - 21:30
19:30 - 21:30	Stony Brook Alumni Reception - W311B																19:30 - 21:30

2008 OSM Schedule at a Glance
Wednesday, March 5, 2008

Withdrawals are not reflected on this schedule. All cancellations will be noted on the addendum. If you have previously contacted us to cancel your participation at the meeting, we have your request and will note all cancellations on the program addendum.

Room	W304 A/B	W304 C/D	W304 E/F	W108	W101	W102	W205 B/C	W202	W105	W304 G/H	W110	W204	W203	W109 B	W109 A	W103	Room
8:00 - 10:30	046: Operational Oceanography: Assimilation, Modeling, and Applications in the Global Ocean	162: Dynamics of Colored Dissolved Organic Matter (CDOM) in the Global Ocean	038: Progress in Mechanistic Modelling of the Ocean Carbon Cycle	141: Hydrodynamics and Morphodynamics of Marshes and Shallow Coastal Environments	171: U.S. GODAE: Ocean Prediction with the HYbrid Coordinate Ocean Model (HYCOM)	029: Ecology and Oceanography of Thin Plankton Layers	030: Environmental Records of Anthropogenic Impacts On Coastal Ecosystems	028: Nearshore Processes (continued from Tuesday)	189: The Census of Marine Life: Discoveries of Diversity, Abundance, and Distribution in the World's Oceans	173: Multidisciplinary Approaches to Larval Dispersion and Connectivity (continued from Tuesday)	024: Coastal Ocean Processes: Integration and Synthesis of Interdisciplinary Shelf Studies	137: Oceanic and Meteorological Measurements From Voluntary Observing Ships and Other Platforms of Opportunity	172: The Atlantic Meridional Overturning Circulation and Decadal Predictability	019: Mixing in the Ocean	151: Hurricane-generated Waves, Currents and Storm Surge	181: Novel Approaches for Improving Ocean Science Literacy in K-12 Classrooms	8:00 - 10:30
10:30 - 13:30	Break, Plenary: Falkowski, Lunch																10:30 - 13:30
12:00 - 13:30	ASLO EU-US Funding Panel - W101																12:00 - 13:30
12:00 - 13:30	Education & Outreach Workshop - W102																12:00 - 13:30
12:00 - 13:30	Metadata Tutorials for Ocean Scientists Workshop (con't from Tuesday) - W105																12:00 - 13:30
12:00 - 13:30	TOS Council Meeting - W311A																12:00 - 13:30
13:30 - 15:30	100: Operational Oceanography: Observing System Design & Implementation	162: Dynamics of Colored Dissolved Organic Matter (CDOM) in the Global Ocean	116: Confronting Marine Biogeochemical Models With Data: Approaches to Quantitative Evaluation and Calibration	006: Watersheds to the Global Ocean: Spaceborne Measurements of Water Surfaces and Modeling Flows	171: U.S. GODAE: Ocean Prediction with the HYbrid Coordinate Ocean Model (HYCOM)	029: Ecology and Oceanography of Thin Plankton Layers	013: Ridge-To-Reef: Impacts of Change on Tropical Coastal Ecosystems	124: Influence of Tropical Rivers on Oceanic Biogeochemical Cycles	031: Global Ocean Holozooplankton Diversity: Assessment, Analysis, and Prediction	159: Estuarine and Coastal Hydrodynamics: Advancement in Observational Technology and Modeling Development	024: Coastal Ocean Processes: Integration and Synthesis of Interdisciplinary Shelf Studies	036: Scientific Results from Global and Regional Ocean Syntheses	172: The Atlantic Meridional Overturning Circulation and Decadal Predictability	019: Mixing in the Ocean	151: Hurricane-generated Waves, Currents and Storm Surge	125: Collaborative Partnerships in Ocean Science Education	13:30 - 15:30
15:30 - 16:00	Break																15:30 - 16:00
16:00 - 17:30	100: Operational Oceanography: Observing System Design & Implementation	101: Towards Improved Predictive Modeling of DOM Cycling: From the Watershed to the Coastal Ocean	044: Interrelations Among the Chemistry, Geology and Biology of Hydrocarbon Seep Communities in the Deep Gulf of Mexico	006: Watersheds to the Global Ocean: Spaceborne Measurements of Water Surfaces and Modeling Flows	039: Real-Time Forecasting of Winds, Waves, and Storm Tides: From the Deep Ocean to the Watershed	128: Comparing Aquatic Ecosystems	186: Science at Aquarius: Multidisciplinary Studies of a Tropical Reef	165: Advances in Coastal Morphodynamics: From Estuaries and Beaches to Deltas and Shelves (continued from Tuesday)	070: Microbial Associations With Marine Invertebrates	159: Estuarine and Coastal Hydrodynamics: Advancement in Observational Technology and Modeling Development	024: Coastal Ocean Processes: Integration and Synthesis of Interdisciplinary Shelf Studies	036: Scientific Results from Global and Regional Ocean Syntheses	172: The Atlantic Meridional Overturning Circulation and Decadal Predictability	117: Turbulence, Mixing, and Multi-scale Interactions in Estuaries and Nearshore Environments (continued from Tuesday)	193: Seismic Oceanography	125: Collaborative Partnerships in Ocean Science Education	16:00 - 17:30
17:30 - 19:30	Wednesday Poster Sessions - West Exhibit Hall A1 & A2																17:30 - 19:30
	<p>009: Hydrogeological Systems, Natural Gas Flux in Dissolved and Gas Phases, and Formation of Oceanic Hydrate</p> <p>015: Interactions Between the Kuroshio and Marginal Seas of China and Their Environmental Impact</p> <p>016: How Does the Subtropical North Atlantic Transfer Heat, Cycle Nutrients and Uptake Carbon?</p> <p>018: The Aquatic Gel Phase, Its Role in Biogeochemical Cycles</p> <p>033: Unresolved Problems of ENSO Dynamics: Past, Present, Future</p> <p>036: Scientific Results from Global and Regional Ocean Syntheses</p> <p>038: Progress in Mechanistic Modelling of the Ocean Carbon Cycle</p> <p>039: Real-Time Forecasting of Winds, Waves, and Storm Tides: From the Deep Ocean to the Watershed</p> <p>044: Interrelations Among the Chemistry, Geology and Biology of Hydrocarbon Seep Communities in the Deep Gulf of Mexico</p> <p>047: Ocean Processes in the Western Tropical Pacific</p> <p>048: Chemical Oceanography, Marine Chemistry: General</p> <p>049: Open Ocean Time-series Data: A Tool to Observe Temporal Variability of Biogeochemical Processes</p> <p>055: Fidelity and Metrics of Ocean Models in Climate Simulations</p> <p>062: Interaction of Riverine-Marine Systems</p> <p>064: Linkages Between Climate, Upwelling and Anoxia: The Cariaco Basin and Similar Systems</p> <p>078: Northern Gulf of Mexico Landscape Change and Natural Hazards</p> <p>081: Ocean Salinity in Climate and Ocean Dynamics</p> <p>086: Nonlinear Internal Wave Observations, Dynamics, and Acoustic Impacts</p> <p>090: UV Effects on Aquatic Ecosystems: Integration at Multiple Trophic Levels</p> <p>092: Nitrogen Supply in the Oligotrophic Ocean</p> <p>101: Towards Improved Predictive Modeling of DOM Cycling: From the Watershed to the Coastal Ocean</p> <p>102: The Out of Marine Biogeochemical and Ecosystem Dynamics, Land-Water Interface Exchanges, Physical and Biological Coupling, and Human Induced Change</p> <p>105: Diurnal Variability in the Surface Ocean and in Air-Sea Interaction</p>									<p>113: Ecosystems: General</p> <p>116: Confronting Marine Biogeochemical Models With Data: Approaches to Quantitative Evaluation and Calibration</p> <p>117: Turbulence, Mixing, and Multi-scale Interactions in Estuaries and Nearshore Environments</p> <p>110: Ecological Forecasts for the Ecological Observing Needs of the Integrated Ocean Observing System (IOOS): Tracking Factors that Influence Living Marine</p> <p>124: Influence of Tropical Rivers on Oceanic Biogeochemical Cycles</p> <p>128: Comparing Aquatic Ecosystems</p> <p>133: Ocean Modeling in the Eddyding Regime</p> <p>143: Meso- and Smaller-Scale Processes in the Coastal Ocean: Challenges for Monitoring and Prediction</p> <p>145: Ocean Circulation Using Satellite Gravimetry and Altimetry</p> <p>158: Time-series Observations of Biogeochemical Processes and Their Long Term Trends</p> <p>159: Estuarine and Coastal Hydrodynamics: Advancement in Observational Technology and Modeling Development</p> <p>162: Dynamics of Colored Dissolved Organic Matter (CDOM) in the Global Ocean</p> <p>165: Advances in Coastal Morphodynamics: From Estuaries and Beaches to Deltas and Shelves</p> <p>166: Potential for Atmospheric CO2 Sequestration in the Ocean</p> <p>169: Global Mode and Intermediate Waters: Their Physics, Biogeochemistry, and Variability</p> <p>171: U.S. GODAE: Ocean Prediction with the HYbrid Coordinate Ocean Model (HYCOM)</p> <p>180: Long-term Ecological Research in the Deep Sea</p> <p>182: Variability and Trends in Oceanic Oxygen: From a Tracer of Biological Production to a Bellwether of Climate</p> <p>186: Science at Aquarius: Multidisciplinary Studies of a Tropical Reef</p> <p>188: Estuarine Impacts, Resilience and Recovery</p> <p>189: The Census of Marine Life: Discoveries of Diversity, Abundance, and Distribution in the World's Oceans</p> <p>194: Hypoxia in Estuaries and the Coastal Ocean: Commonalities, Comparisons, Contradictions, Climate Change</p>							
20:00-22:00	Special Evening Forum on Environmental Outreach																20:00-22:00

2008 OSM Schedule at a Glance

Thursday, March 6, 2008

Withdrawals are not reflected on this schedule. All cancellations will be noted on the addendum. If you have previously contacted us to cancel your participation at the meeting, we have your request and will note all cancellations on the program addendum.

Room	W304 A/B	W304 C/D	W304 E/F	W108	W101	W102	W205 B/C	W202	W105	W304 G/H	W110	W204	W203	W109 B	W109 A	W103	Room																
8:00 - 10:30	106: Operational Applications of Ocean Satellite Observations	092: Nitrogen Supply in the Oligotrophic Ocean	037: Transport, Biogeochemistry, and Ecology in Permeable Sediments	108: Controls on Carbon Biogeochemistry and Fluxes and Their Associated Scales of Variability in Ocean Margins	021: Biological Oceanography, Marine Biology: General (continued from Monday)	188: Estuarine Impacts, Resilience and Recovery	054: Sediment Transport in Lakes, Estuaries, and Shallow Shelves	028: Nearshore Processes (continued from Wednesday)	074: Influence of Recent Changes in the Arctic	008: Decadal Variations in Ocean Interior Circulation, Water Masses, and Biogeochemistry Results From The CLIVAR/CO2 Repeat Hydrography Program	173: Multidisciplinary Approaches to Larval Dispersion and Connectivity (continued from Wednesday)	143: Meso- and Smaller-Scale Processes in the Coastal Ocean: Challenges for Monitoring and Prediction	050: Dynamics of Estuarine Circulations and River Plumes: From Process Studies to Predictive Models	169: Global Mode and Intermediate Waters: Their Physics, Biogeochemistry, and Variability	019: Mixing in the Ocean	033: Unresolved Problems of ENSO Dynamics: Past, Present, Future	8:00 - 10:30																
10:30 - 13:30	Break, Plenary: Spinrad, Lunch																10:30 - 13:30																
12:00 - 13:30	ASLO Public Policy Workshop - W101																12:00 - 13:30																
12:00 - 13:30	Remote Sensing Systems - W102																12:00 - 13:30																
12:00 - 13:30	Ocean Carbon & Biogeochemistry Program - W103																12:00 - 13:30																
12:00 - 13:30	From Ship to Shore to the Media: A Workshop on Science Journalism - W105																12:00 - 13:30																
12:00 - 13:30	Ecological Forecasts: Barriers to Transition and Operations Town Hall - W108																12:00 - 13:30																
12:00 - 13:30	Student Development Workshops - W311 E,F,G																12:00 - 13:30																
12:00 - 13:30	TOS Business Meeting - W311A																12:00 - 13:30																
13:30 - 15:30	191: In Situ Optical Properties for the Investigation of Particle Dynamics	092: Nitrogen Supply in the Oligotrophic Ocean	037: Transport, Biogeochemistry, and Ecology in Permeable Sediments	108: Controls on Carbon Biogeochemistry and Fluxes and Their Associated Scales of Variability in Ocean Margins	018: The Aquatic Gel Phase, Its Role in Biogeochemical Cycles	188: Estuarine Impacts, Resilience and Recovery	054: Sediment Transport in Lakes, Estuaries, and Shallow Shelves	097: Tsunami and Storm Inundation and Sediment Transport	129: The Ecosystem of the Beaufort Sea	091: California Current Ecosystem Dynamics – The Role of Climate Variability	200: Committee's Choice	133: Ocean Modeling in the Eddy Regime	178: Structure and Function of River Plumes in Coastal Margins	169: Global Mode and Intermediate Waters: Their Physics, Biogeochemistry, and Variability	019: Mixing in the Ocean	114: New Directions for Funding and the Future of US Oceanographic Institutions	13:30 - 15:30																
15:30 - 16:00	Break																15:30 - 16:00																
16:00 - 17:30	191: In Situ Optical Properties for the Investigation of Particle Dynamics	092: Nitrogen Supply in the Oligotrophic Ocean	037: Transport, Biogeochemistry, and Ecology in Permeable Sediments	108: Controls on Carbon Biogeochemistry and Fluxes and Their Associated Scales of Variability in Ocean Margins	061: From Transcripts to Transcriptomes: RNA Abundance, Persistence and Degradation in the Marine Environment	194: Hypoxia in Estuaries and the Coastal Ocean: Commonalities, Comparisons, Contradictions, Climate Change	078: Northern Gulf of Mexico Landscape Change and Natural Hazards	165: Advances in Coastal Morphodynamics: From Estuaries and Beaches to Deltas and Shelves (continued from Wednesday)	053: Arctic Marine Communities and Biodiversity	091: California Current Ecosystem Dynamics – The Role of Climate Variability	064: Linkages Between Climate, Upwelling and Anoxia: The Cariaco Basin and Similar Systems	133: Ocean Modeling in the Eddy Regime	085: The Nordic Seas and the North Atlantic's Subpolar Gyre: Similarities, Differences, and Interconnection	169: Global Mode and Intermediate Waters: Their Physics, Biogeochemistry, and Variability	117: Turbulence, Mixing, and Multi-scale Interactions in Estuaries and Nearshore Environments (continued from Wednesday)	045: Marine Aquaculture - What are the Burning Environmental Issues and Solutions?	16:00 - 17:30																
17:30 - 19:30	Thursday Poster Sessions - West Exhibit Hall A1 & A2																17:30 - 19:30																
	008: Decadal Variations in Ocean Interior Circulation, Water Masses, & Biogeochemistry - Results From The CLIVAR/CO2 Repeat Hydrography Program 021: Biological Oceanography, Marine Biology: General 023: Space-Based Measurements of Ocean Climate Change 037: Transport, Biogeochemistry, and Ecology in Permeable Sediments 045: Marine Aquaculture - What are the Burning Environmental Issues and Solutions? 050: Dynamics of Estuarine Circulations and River Plumes: From Process Studies to Predictive Models 054: Sediment Transport in Lakes, Estuaries, and Shallow Shelves 056: Ecosystem Research Informing Management Decisions 061: From Transcripts to Transcriptomes: RNA Abundance, Persistence and Degradation in the Marine Environment 070: Microbial Associations With Marine Invertebrates 071: Predicting the Impact of Climate Change on Marine Population Connectivity 073: Applications and Technological Developments of High Frequency Radar for Coastal Oceanography 076: Watersheds and Coral Reefs: Science, Policy and Implementation 089: Groundwater Inputs to the Ocean 091: California Current Ecosystem Dynamics – The Role of Climate Variability 093: The Ocean Science, Technology, and Operations Workforce 096: Trace Metal Cycling Along the Ocean-continent Boundary: Benthic-pelagic Coupling 097: Tsunami and Storm Inundation and Sediment Transport 103: Physical and Biological Research Efforts to Evaluate the Use of Offshore Sand for Louisiana Coastal and Barrier Island Restoration																106: Operational Applications of Ocean Satellite Observations 123: Molecular Approaches to Study Interactions Between Organisms in Aquatic Environments: Current Progress and Future Directions 126: Coastal Region Dynamical Variability and Effects on Acoustics 134: Toward Integrating Source-to-Sink Field Studies of Sediment Dispersal Systems 135: What is Being Done in the Caribbean? Who, How and Why, Should We Be Partners? 136: Past as Key to the Future: Using Late Holocene History to Predict the Future Response of Coastal Environments to Global Warming & Sea-level Rise 142: Nutrient Cycling at the Sediment-water Interface 144: Coral Reefs: Impacts of Environmental Alterations & Climate Change on Coral Biology & Biogeochemistry, & Links Between Dissolved Organic Matter and Coral Health 146: Changing Chemistry of Estuaries, Coasts, and the Ocean 148: Multi-Sensor Sea Surface Temperature Analyses 149: The Absolute Accuracy of Space-borne Sea Surface Temperature 150: Terrestrial Impacts on Coastal Water Quality 153: Research Ocean Observatories: Progress and Emerging Technologies 176: The Inner Shelf: Connecting the Shore to the Coastal Ocean 178: Structure and Function of River Plumes in Coastal Margins 179: Marine Predator Hot Spots 191: In Situ Optical Properties for the Investigation of Particle Dynamics 193: Seismic Oceanography 198: Impacts and Interactions of Soft-bottom Benthic Systems																
19:30	Special Evening at EPCOT (optional)																19:30																
19:30 - 21:30	M POWIR - W101																19:30 - 21:30																
19:30 - 21:30	Metadata Tutorials for Ocean Scientists Workshop (con't from Wednesday) - W102																19:30 - 21:30																
19:30 - 21:30	Future Challenges in Marine Organic Geochemistry - W103																19:30 - 21:30																
19:30 - 21:30	Computed Tomography & Marine Geosciences - W105																19:30 - 21:30																

2008 OSM Schedule at a Glance
Friday, March 7, 2008

Withdrawals are not reflected on this schedule. All cancellations will be noted on the addendum. If you have previously contacted us to cancel your participation at the meeting, we have your request and will note all cancellations on the program addendum.

Room	W304 A/B	W304 C/D	W304 E/F	W108	W101	W102	W205 B/C	W202	W105	W304 G/H	W110	W204	W203	W109 B	W109 A	W103	Room
8:00 - 10:30	149: The Absolute Accuracy of Space-borne Sea Surface Temperature	153: Research Ocean Observatories: Progress and Emerging Technologies	073: Applications and Technological Developments of High Frequency Radar for Coastal Oceanography	158: Time-series Observations of Biogeochemical Processes and Their Long Term Trends	123: Molecular Approaches to Study Interactions Between Organisms in Aquatic Environments: Current Progress and Future Directions	055: Fidelity and Metrics of Ocean Models in Climate Simulations	065: Advances in the Application of Chemical Biomarkers in Aquatic Ecosystems	144: Coral Reefs: Impacts of Environmental Alterations & Climate Change on Coral Biology & Biogeochemistry, & Links Between Dissolved Organic Matter	187: Mercury Pollution: Towards a Holistic Appraisal of Sources, Environmental Cycling, Biotic Exposure, Consequences, and Management	090: UV Effects on Aquatic Ecosystems: Integration at Multiple Trophic Levels	085: The Nordic Seas and the North Atlantic's Subpolar Gyre: Similarities, Differences, and Interconnection (continued from Thursday)	176: The Inner Shelf: Connecting the Shore to the Coastal Ocean	086: Nonlinear Internal Wave Observations, Dynamics, and Acoustic Impacts	081: Ocean Salinity in Climate and Ocean Dynamics	010: Physical Oceanography and Limnology: General	056: Ecosystem Research Informing Management Decisions	8:00 - 10:30
10:30 - 13:30	Break, Plenary: Heiskanen, Lunch																10:30 - 13:30
12:00 - 13:30	Discussion on the Current & Future Needs of the Ocean Science, Technology & Operations Workforce - W103																12:00 - 13:30
12:00 - 13:30	Ocean Time Series Town Hall - W108																12:00 - 13:30
13:30 - 15:30	023: Space-Based Measurements of Ocean Climate Change	153: Research Ocean Observatories: Progress and Emerging Technologies	073: Applications and Technological Developments of High Frequency Radar for Coastal Oceanography	158: Time-series Observations of Biogeochemical Processes and Their Long Term Trends	146: Changing Chemistry of Estuaries, Coasts, and the Ocean	071: Predicting the Impact of Climate Change on Marine Population Connectivity	065: Advances in the Application of Chemical Biomarkers in Aquatic Ecosystems	144: Coral Reefs: Impacts of Environmental Alterations & Climate Change on Coral Biology & Biogeochemistry, & Links Between Dissolved Organic Matter	194: Hypoxia in Estuaries and the Coastal Ocean: Commonalities, Comparisons, Contradictions, Climate Change	041: Juvenile Copepods in Planktonic Communities	085: The Nordic Seas and the North Atlantic's Subpolar Gyre: Similarities, Differences, and Interconnection	062: Interaction of Riverine-Marine Systems	086: Nonlinear Internal Wave Observations, Dynamics, and Acoustic Impacts	016: How Does the Subtropical North Atlantic Transfer Heat, Cycle Nutrients and Uptake Carbon?	015: Interactions Between the Kuroshio and Marginal Seas of China and Their Environmental Impact	093: The Ocean Science, Technology, and Operations Workforce	13:30 - 15:30
15:30 - 16:00	Break																15:30 - 16:00
16:00 - 17:30	148: Multi-Sensor Sea Surface Temperature Analyses	153: Research Ocean Observatories: Progress and Emerging Technologies	066: Linking Ecosystem Health to Marine Animal Health	049: Open Ocean Time-series Data: A Tool to Observe Temporal Variability of Biogeochemical Processes	021: Biological Oceanography, Marine Biology: General (continued from Thursday)	071: Predicting the Impact of Climate Change on Marine Population Connectivity	065: Advances in the Application of Chemical Biomarkers in Aquatic Ecosystems		194: Hypoxia in Estuaries and the Coastal Ocean: Commonalities, Comparisons, Contradictions, Climate Change	112: Natural Iron Fertilization in the Southern Ocean, and Implications for the Biological Carbon Pum		145: Ocean Circulation Using Satellite Gravimetry and Altimetry	086: Nonlinear Internal Wave Observations, Dynamics, and Acoustic Impacts	016: How Does the Subtropical North Atlantic Transfer Heat, Cycle Nutrients and Uptake Carbon?	010: Physical Oceanography and Limnology: General (continued from morning)	076: Watersheds and Coral Reefs: Science, Policy and Implementation	16:00 - 17:30