2008 OSM Schedule at a Glance

Please click on a session title to see its detailed schedule. You may also navigate the program in a **numerically-ordered list format**. Activities, Town Hall Meetings, Workshops and other events will be added as information becomes available.

All Ocean Sciences Meeting activities including oral and poster sessions are located in the West Building of the Orange County Convention Center.

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Saturday, 01 March

All Day	LOCO - Data Workshop (OCC)	All Day

Sunday, 02 March

All Day	LOCO - Data CoOP Mee National Federation of Region
19:00-21:00	Op

Monday, 03 March Tuesday, 04 March Wednesday, 05 March Thursday, 06 March Friday, 07 March

Room	W304 A/B	W304 C/D	W304 E/F	W108	W101	W102	W205 B/C	W202	W105	W304 G/H	W110	W204
08:00-10:30	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: Oceani Observat and Geophys Fluid Dynami
10:30-13:30	Break, **Plenary: David M. Rubin**, Lunch											
12:00-13:30	IMBER Project (W101), NOAA Town Hall: Ecosystems Based Ocean Research (W105), DIMES Town Hall (W103)											
12:15-13:15	Princeton Ocean Model Meeting (W108)											
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: Oceani Observat and Geophys Fluid Dynami
15:30-16:00	Break											
16:00-1730	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 and Ecosystem Dynamics, Land-Water Interface Exchanges, Physical and Biological Coupling, and 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: Diu Variabilit the Surf Ocean a in Air-S Interact
17:30-19:30	Monday Poster Sessions (West Exhibit Hall A1 & A2) 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 100: Operational Oceanography: Observing Syste 104: Coastal Sensor Networks and Ocean Microbi 107: Ecology and Oceanography of Harmful Algal GEOHAB and ECOHAB Programs											

	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	108: Controls on Carbon Biogeochemistry and Flu Margins 110: Transport and Mixing in Flows Through Aqua 119: Operational Oceanography: Assimilation, Mo and Living Marine Resources 120: Oceans and Human Health: Identifying and L 137: Oceanic and Meteorological Measurements F Opportunity 139: Applications of Remote Sensing Data for As 141: Hydrodynamics and Morphodynamics of Mar 147: In, Around, and Out: Autochthonous Product Riverine 151: Hurricane-generated Waves, Currents and S 168: Small Mountainous Rivers: From the Watersh 172: The Atlantic Meridional Overturning Circulat 184: Enhance Our Vision in Underwater Environm 187: Mercury Pollution: Towards a Holistic Appra Consequences, and Management 192: Human Impact in Large Connected Ecosyste 196: Impacts of Everglades Restoration on the Sc 197: New Perspectives in Silicon Cycling; from Ri
19:30-21:30	NOPP Community Sediment-Transport Model Town Hall (W311A), OACOM - Open Access Town Hall (W102), Consortium for Ocean Leader TOS Anniversary Reception (W311B), UM RSMAS Town Hall (W103), Arctic Marine Biodiversity IPY Cluster Meeting (W1	
20:00-22:00	Reception for Alumni & Friends of the University of Delaware College of Marine & Earth Studies (Rosen Plaza Hotel, Salc	
21:30-	UM RSMAS Reception - Following Town Hall (W103)	

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08:00-10:30	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 Se	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: Oceani Flows Pa Sea Mountai and Isla and The Marine Environm Impact
10:30-13:30	Break, Plenary: Broecker; Lunch											
12:00-13:30	NOAA Tides and Currents Town Hall (W101), C6 Multi Sensor Platform & PhytoFlash Workshop (W102), Metadata Tutorials for Ocean Scientists Workshop (W105), Understanding Climate Impacts in Sub-arctic Seas: Ecological Issues and Comparative Approaches Workshop (W203											
12:15-13:15	Princeton Ocean Model Meeting Continued (W108)											
13:00	Sverdrup Award Lecture - Victoria Fabry (W110)											
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 Se	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: Biophysi Interacti at Inert and Dissipat Scales
15:30-16:00	Break											
16:00-17:30		096: Trace Metal Cycling Along the Ocean-continent Boundary: Benthic-	164: Improving Geosciences Education and Public Outreach: Sharing Strategic	051: Watersheds, Lakes, Rivers, Estuaries: General	135: What is Being Done in the Caribbean? Who, How and Why, Should We Be	104: Coastal Sensor Networks and Ocean Microbial Fuel Cell Technology	107: Ecology and Oceanography of Harmful Algal Blooms: Regional and Comparative	165: Advances in Coastal Morphodynamics: From Estuaries and Beaches to Deltas	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: Biophysi Interacti at Inert and Dissipat Scales

		pelagic Coupling	and Rewarding Approaches		Partners?		Studies of the GEOHAB and ECOHAB Programs	and Shelves (continued from Monday)				

17:30-19:30	**Tuesday Poster Sessions - West Exhibit Hall A1 & A2**
	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 Observ** **085: The Nordic Seas and the North Atlantic's Su Interconnection** **088: Characterization and Modeling of Ocean Fea** **094: Coastal Ocean Modeling and Prediction** **098: Contribution of Data Assimilation to Ocean** **111: Environmental Change: General** **112: Natural Iron Fertilization in the Southern Oc** **125: Collaborative Partnerships in Ocean Science** **129: The Ecosystem of the Beaufort Sea** **152: Lateral Mixing in the Ocean from Meters to** **154: Forecast, Predictability and Data Assimilati** **157: Arctic Sea Ice Variability Interacted with At** **160: Reconstruction of Global Paleoceanic Enviro** **164: Improving Geosciences Education and Public** **173: Multidisciplinary Approaches to Larval Dispe** **174: Sharing Scientific Ocean Drilling's Greatest** **181: Novel Approaches for Improving Ocean Scie** **183: Interannual Trends in Phytoplankton Dynami** **199: Other**
19:30-21:30	GHRSST-PP Diurnal Variability 4th Workshop (W101), Charting the Course for an Ocean Research Priorities Plan & Implementation Strategy (W103), Oc Ocean Acidification: Towards an Interagency Approach (W108), Stony Brook Alumni Reception (W311B), VIMS Reception (

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08:00-10:30	**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 Meteorol Measuren From Volunta Observi Ships a Other Platform Opportu**
10:30-13:30	Break, **Plenary: Falkowski**, Lunch											
12:00-13:30	ASLO EU-US Funding Panel (W101), Education & Outreach Workshop (W102), Metadata Tutorials for Ocean Scientists Workshop - Con't from Tuesday (W MISST Project Team Meeting (W203), National Oceanographic Data Center: An Ocean of Data on Your Desktop Workshop											
12:15-13:15	Princeton Ocean Model Meeting Continued (W108)											
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 Watershed 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: Scientif Results f Global a Region Ocean Synthes**
15:30-16:00	Break											
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**	**044: Interrelations Among the Chemistry, Geology and Biology of Hydrocarbon Seep Communities in the Deep Gulf of**	**006: Watersheds to the Global Ocean: Spaceborne Measurements of Water Surfaces and Modeling**	**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**	**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: Scientif Results f Global a Region Ocean Synthes**

		Ocean	Mexico	Flows				Tuesday)				
17:30-19:30	Wednesday Poster Sessions - West Exhibit Hall A1 & A2											
	009: Hydrogeological Systems, Natural Gas Flux in Dissolved and Gas Phases, and Formation of Oceanic Hydrate 015: Interactions Between the Kuroshio and Marginal Seas of China and Their Environmental Impact 016: How Does the Subtropical North Atlantic Transfer Heat, Cycle Nutrients and Uptake Carbon? 018: The Aquatic Gel Phase, Its Role in Biogeochemical Cycles 033: Unresolved Problems of ENSO Dynamics: Past, Present, Future 036: Scientific Results from Global and Regional Ocean Syntheses 038: Progress in Mechanistic Modelling of the Ocean Carbon Cycle 039: Real-Time Forecasting of Winds, Waves, and Storm Tides: From the Deep Ocean to the Watershed 044: Interrelations Among the Chemistry, Geology and Biology of Hydrocarbon Seep Communities in the Deep Gulf of Mexico 047: Ocean Processes in the Western Tropical Pacific 048: Chemical Oceanography, Marine Chemistry: General 049: Open Ocean Time-series Data: A Tool to Observe Temporal Variability of Biogeochemical Processes 055: Fidelity and Metrics of Ocean Models in Climate Simulations 062: Interaction of Riverine-Marine Systems 064: Linkages Between Climate, Upwelling and Anoxia: The Cariaco Basin and Similar Systems 078: Northern Gulf of Mexico Landscape Change and Natural Hazards 081: Ocean Salinity in Climate and Ocean Dynamics 086: Nonlinear Internal Wave Observations, Dynamics, and Acoustic Impacts 090: UV Effects on Aquatic Ecosystems: Integration at Multiple Trophic Levels 092: Nitrogen Supply in the Oligotrophic Ocean 101: Towards Improved Predictive Modeling of DOM Cycling: From the Watershed to the Coastal Ocean 102: The Gulf of Maine: Biogeochemical and Ecosystem Dynamics, Land-Water Interface Exchanges, Physical and Biological Coupling, and Human Induced Change 105: Diurnal Variability in the Surface Ocean and in Air-Sea Interaction											113: Ecosystems: General 116: Confronting Marine Biogeochemical Models V Calibration 117: Turbulence, Mixing, and Multi-scale Interact 118: Ecological Forecasts for the Ecological Obse (IOOS): Tracking Factors that Influence Living Ma 124: Influence of Tropical Rivers on Oceanic Biog 128: Comparing Aquatic Ecosystems 133: Ocean Modeling in the Eddying Regime 143: Meso- and Smaller-Scale Processes in the C 145: Ocean Circulation Using Satellite Gravimetry 158: Time-series Observations of Biogeochemica 159: Estuarine and Coastal Hydrodynamics: Adva Development 162: Dynamics of Colored Dissolved Organic Matt 165: Advances in Coastal Morphodynamics: From 166: Potential for Atmospheric CO2 Sequestratio 169: Global Mode and Intermediate Waters: Their 171: U.S. GODAE: Ocean Prediction with the HYbr 180: Long-term Ecological Research in the Deep 182: Variability and Trends in Oceanic Oxygen: F Climate 186: Science at Aquarius: Multidisciplinary Studie 188: Estuarine Impacts, Resilience and Recovery 189: The Census of Marine Life: Discoveries of D Oceans 194: Hypoxia in Estuaries and the Coastal Ocean: Change			
20:00-22:00	Special Evening Science Communication Forum, "Does Science Really Matter?"											

Monday, 03 March Tuesday, 04 March Wednesday, 05 March Thursday, 06 March Friday, 07 March

Room	W304 A/B	W304 C/D	W304 E/F	W108	W101	W102	W205 B/C	W202	W105	W304 G/H	W110	W204
08:00-10:30	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: Me and Smal Scale Processe the Coas Ocean Challeng for Monitori and Predicti
10:30-13:30	Break, Plenary: Spinrad, Lunch, From Ship to Shore to the Media: A Workshop on Science Journalism (12:00-											
12:00-13:30	ASLO Public Policy Workshop (W101), Remote Sensing Systems (W102), From Ship to Shore to the Media: A Workshop on Science Journalism (W105), Ecological F Ocean Carbon & Biogeochemistry Program (W103), Student Development Workshops (W311 E,F,G), TOS Business Meeting											
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	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: Oc Modeling the Eddy Regim

				Variability in Ocean Margins								
15:30-16:00	Break											
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: Oc Modeling the Eddy Regim
17:30-19:30	Thursday Poster Sessions - West Exhibit Hall A1 & A2											
	008: Decadal Variations in Ocean Interior Circulation, Water Masses, and 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 123: Molecular Approaches to Study Interactions Progress and Future Directions 126: Coastal Region Dynamical Variability and Ef 134: Toward Integrating Source-to-Sink Field Stu 135: What is Being Done in the Caribbean? Who, 136: Past as Key to the Future: Using Late Holoc Environments to Global Warming and Sea-level Ris 142: Nutrient Cycling at the Sediment-water Inte 144: Coral Reefs: Impacts of Environmental Alter Biogeochemistry, and Links Between Dissolved Or 146: Changing Chemistry of Estuaries, Coasts, ar 148: Multi-Sensor Sea Surface Temperature Anal 149: The Absolute Accuracy of Space-borne Sea 150: Terrestrial Impacts on Coastal Water Qualit 153: Research Ocean Observatories: Progress an 176: The Inner Shelf: Connecting the Shore to th 178: Structure and Function of River Plumes in C 179: Marine Predator Hot Spots 191: In Situ Optical Properties for the Investigati 193: Seismic Oceanography 198: Impacts and Interactions of Soft-bottom Be
19:30-21:30	M POWIR (W101), Metadata Tutorials for Ocean Scientists Workshop - Con't from Wednesday (W102), Future Challenges in Marine Organic Computed Tomography & Marine Geosciences (W105), Northern Gulf of Mexico Hypoxia Modeling Discussion (W108											
19:30-23:00	Special Evening at EPCOT (optional)											
20:00-22:00	Evening Discussion with Hollywood Filmmaker, Randy Olson, "True Confessions: I am an Impaired Mass Communicator" (W											

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08:00-10:30	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 and Climate Change on Coral Biology and Biogeochemistry, and 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: Th Inner Sh Connect the Shor the Coas Ocear
10:30-13:30	Break, Plenary: Heiskenen, Lunch											
12:00-13:30	Discussion on the Current & Future Needs of the Ocean Science, Technology & Operations Workforce (W103), Ocean Time											
13:30-15:30	023: Space-Based	153: Research	073: Applications	158: Time-series	146: Changing	071: Predicting	065: Advances in	144: Coral Reefs:	194: Hypoxia in	041: Juvenile	085: The Nordic Seas	062: Interact

	Measurements of Ocean Climate Change	**Ocean Observatories: Progress and Emerging Technologies**	**and Technological Developments of High Frequency Radar for Coastal Oceanography**	**Observations of Biogeochemical Processes and Their Long Term Trends**	**Chemistry of Estuaries, Coasts, and the Ocean**	**the Impact of Climate Change on Marine Population Connectivity**	**the Application of Chemical Biomarkers in Aquatic Ecosystems**	**Impacts of Environmental Alterations and Climate Change on Coral Biology and Biogeochemistry, and Links Between Dissolved Organic Matter**	**Estuaries and the Coastal Ocean: Commonalities, Comparisons, Contradictions, Climate Change**	**Copepods in Planktonic Communities**	**and the North Atlantic's Subpolar Gyre: Similarities, Differences, and Interconnection**	**of Riveri Marine System**
15:30-16:00	Break											
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: Oc Circulat Using Satellit Gravime and Altimet**

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.