

MONDAY, 25 FEBRUARY 2019

ASLO 2019 AQUATIC SCIENCES Meeting												
Room	101	102	103 A	103 B	104	201	202	204	208 AB	208 C	209 AB	209 C
Theater (Max.)	334	353	172	172	506	288	353	150	340	170	312	156
	SS036	SS013	SS063	SS057	SS039	SS009	CS013	SS010	SS040	SS005	SS028	SS003
9:00 - 10:30 am	Ecological Applications of Earth System Models and Regional Climate Models	Adaptation of Aquatic Biodiversity to Global Change	Ocean, Coastal, and Freshwater Acidification: Research and Education	Eastern Boundary Upwelling Systems in a Changing Ocean: Recent insights and future perspectives	Effects of Storm Events on Aquatic, Coastal, and Oceanic Environments and Ecosystems	Hagase la luz- Light in aquatic ecosystems: Variability and ecological consequences	Dissolved Organic Matter - DOC, DON, DOP, fDOM, cDOM	Exploring What Makes Undergraduate Research Experiences Work: Evidence from students and mentors	Radionuclides in Aqueous Systems	ASLOMP Student Symposium	The Multiple Challenges of Rapidly Changing Tropical Freshwater Ecosystems	Adventures, Challenges, and Benefits of Conducting International Collaborative Research
10:30 - 11:00	COFFEE BREAK (Ballroom A Foyer - 3rd Floor)											
11:00 am - 12:30 pm	PLENARY AND AWARD TALK SESSION (Ballroom A) Plenary Presentation Via Video: U.S. Senator Sheldon Whitehouse (D-RI), Newport, RI 2019 Ruth Patrick Award Acceptance: Jennifer Tank, University of Notre Dame, Notre Dame, IN											
12:30 - 2:00 pm	LUNCH - WORKSHOPS AND ANCILLARY MEETINGS PLUS ENTERTAINMENT ON THE TERRACE (Salsa Dance Lessons)											
	SS036	SS013	SS037	SS057	SS039	SS009	CS013	SS010	SS051	SS005	SS028	SS003
2:00 - 3:30 pm	Ecological Applications of Earth System Models and Regional Climate Models	Adaptation of Aquatic Biodiversity to Global Change	Terrestrial Materials in Planet Water: Tracking influences along the land-ocean continuum	Eastern Boundary Upwelling Systems in a Changing Ocean: Recent insights and future perspectives	Effects of Storm Events on Aquatic, Coastal, and Oceanic Environments and Ecosystems	Hagase la luz- Light in aquatic ecosystems: Variability and ecological consequences	Dissolved Organic Matter - DOC, DON, DOP, fDOM, cDOM	Exploring What Makes Undergraduate Research Experiences Work: Evidence from students and mentors	New Views on the Biological Transformation of Metals in the Marine Environment	ASLOMP Student Symposium	The Multiple Challenges of Rapidly Changing Tropical Freshwater Ecosystems	Adventures, Challenges, and Benefits of Conducting International Collaborative Research
3:30 - 3:45	COFFEE BREAK (Ballroom A Foyer - 3rd Floor)											
	AS002	SS013	SS037	SS050	SS039	SS009	CS027	SS010	SS051	CS004	SS028	SS003
3:45 - 5:30 pm	Human and Social Dimensions - Research Meets Management: Where and How the Rubber Hits the Road (and Gets Traction)	Adaptation of Aquatic Biodiversity to Global Change	Terrestrial Materials in Planet Water: Tracking influences along the land-ocean continuum	Improving Coral Reef Resilience with Transformational Science	Effects of Storm Events on Aquatic, Coastal, and Oceanic Environments and Ecosystems	Hagase la luz- Light in aquatic ecosystems: Variability and ecological consequences	Viruses	Exploring What Makes Undergraduate Research Experiences Work: Evidence from students and mentors	New Views on the Biological Transformation of Metals in the Marine Environment	Urban Ecosystems	The Multiple Challenges of Rapidly Changing Tropical Freshwater Ecosystems	Adventures, Challenges, and Benefits of Conducting International Collaborative Research
5:30 - 6:30 pm	ASLO Fellows and Membership Reception (Ballroom B Foyer - 3rd Floor)											
6:30 - 7:30 pm	ASLO Business Meeting / Membership Meeting (Ballroom A)											
7:30 - 8:30 pm	Student Mixer (Terrace and Foyer - 3rd Floor) Early Career Mixer (Prefunction Area - 2nd Floor)											

TUESDAY, 26 FEBRUARY 2019

ASLO 2019 AQUATIC SCIENCES Meeting												
Room	101	102	103 A	103 B	104	201	202	204	208 AB	208 C	209 AB	209 C
Theater Set (Max.)	334	353	172	172	506	288	353	150	340	170	312	156
8:00 - 8:45 am	ASLO MENTOR PROGRAM MEETING (Includes light breakfast) (Ballroom B)											
	CS010	SS005	SS013	SS034	SS039	CS007	CS013	SS038	CS028	SS043	SS011	CS020
9:00 - 10:30 am	Nitrogen Biogeochemistry and Cycling	ASLOMP Student Symposium	Adaptation of Aquatic Biodiversity to Global Change	Forecasting is the Future: Advancing Methods and Applications of Forecasting in the Aquatic Sciences	Effects of Storm Events on Aquatic, Coastal, and Oceanic Environments and Ecosystems	Hypoxia	Dissolved Organic Matter - DOC, DON, DOP, fDOM, cDOM	Real World Ecology Landscapes - Upscaling Community Ecology Experiments in Aquatic Systems	Zooplankton Ecology and Physiology	Beyond the Numbers: Strategies for Inclusive Practices Across the Aquatic Sciences	Anatomy of a Bloom: Unraveling drivers of biomass change and carbon dynamics over the annual cycle	Fish and Fisheries
10:30 - 11:00	COFFEE BREAK (Exhibit Hall B)											
11:00 am - 12:30 pm	PLENARY AND AWARD TALK SESSION (Ballroom A) 2019 Redfield Award Acceptance: Stephen R. Carpenter, University of Wisconsin - Madison, Madison, WI Plenary Presentation: Maria Falcon, Television Producer and Show Host, San Juan, PR											
12:30 - 2:00 pm	LUNCH - STUDENT WORKSHOP, OTHER WORKSHOPS AND AUXILIARY MEETINGS PLUS ENTERTAINMENT ON THE TERRACE (Salsa Dance Lessons)											
	CS010	SS005	SS063	SS034	SS039	CS023	CS013	SS038	CS028	SS043	SS011	SS059
2:00 - 3:30 pm	Nitrogen Biogeochemistry and Cycling	ASLOMP Student Symposium	Ocean, Coastal, and Freshwater Acidification: Research and Education	Forecasting is the Future: Advancing Methods and Applications of Forecasting in the Aquatic Sciences	Effects of Storm Events on Aquatic, Coastal, and Oceanic Environments and Ecosystems	Community Ecology	Dissolved Organic Matter - DOC, DON, DOP, fDOM, cDOM	Real World Ecology Landscapes - Upscaling Community Ecology Experiments in Aquatic Systems	Zooplankton Ecology and Physiology	Beyond the Numbers: Strategies for Inclusive Practices Across the Aquatic Sciences	Anatomy of a Bloom: Unraveling drivers of biomass change and carbon dynamics over the annual cycle	Socio-ecological Research for Actionable Sustainable Solutions: examples, perspectives and challenges
3:30 - 3:45	COFFEE BREAK (Exhibit Hall B)											
	CS025	CS006	SS063	SS034	SS039	CS023	CS013	SS024	CS028	SS070	SS060	SS059
3:45 - 5:30 pm	Phytoplankton Ecology and Physiology	Trace metals	Ocean, Coastal, and Freshwater Acidification: Research and Education	Forecasting is the Future: Advancing Methods and Applications of Forecasting in the Aquatic Sciences	Effects of Storm Events on Aquatic, Coastal, and Oceanic Environments and Ecosystems	Community Ecology	Dissolved Organic Matter - DOC, DON, DOP, fDOM, cDOM	Reconstructing Adaptive Responses in Aquatic Ecosystems Using Ancient DNA and Resurrection Ecology	Zooplankton Ecology and Physiology	Engaging Underrepresented Students in Ocean Science to Promote a Diverse Inclusive Workforce	The Advent of Sampling Biological Processes in Aquatic Systems Using Autonomous Platforms	Socio-ecological Research for Actionable Sustainable Solutions: examples, perspectives and challenges
5:30 - 7:00 pm	POSTER SESSION and RECEPTION (Exhibit Hall B)											

WEDNESDAY, 27 FEBRUARY 2019

ASLO 2019 AQUATIC SCIENCES Meeting												
Room	101	102	103 A	103 B	104	201	202	204	208 AB	208 C	209 AB	209 C
Theater Set (Max.)	334	353	172	172	506	288	353	150	340	170	312	156
	CS024	CS005	SS065	CS022	CS037	CS009	CS020	SS070	CS010	SS023	SS022	SS007
9:00 - 10:30 am 6 Talks	Microbial Ecology and Physiology	Acidification	Turning the Lights on for Deep-Sea Ecosystems in the Caribbean, Gulf of Mexico, and US SE Atlantic	Biodiversity	Coastal Ecosystems	Gas Fluxes	Fish and Fisheries	Engaging Underrepresented Students in Ocean Science to Promote a Diverse Inclusive Workforce	Nitrogen Biogeochemistry and Cycling	Carbon Cycling Across Gradients in the Land-Ocean-Continuum	Phytoplankton-bacteria Interactions: Molecular insights, chemical drivers, and behavioral dynamics	Halophila Stipulacea: Ecology and management of the globally invasive seagrass
9:00 - 10:45 am	EDUCATION FAIR AND POSTER SESSION FOR LOCAL HIGH SCHOOL STUDENTS (Exhibit Hall A)											
10:30 - 11:00	COFFEE BREAK (Exhibit Hall B)											
11:00 am - 12:30 pm	PLENARY AND AWARD TALK SESSION (Ballroom A) 2019 Ramon Margalef Award for Excellence in Education Acceptance: David Fields, Bigelow Lab for Ocean Sciences, East Boothbay ME 2019 Yentsch-Schindler Early Career Award Acceptance: Robert Spencer, Florida State University, Tallahassee, FL Plenary Presentation: Ada Monzon, Local Television Meteorologist, San Juan, PR											
12:30 - 2:00 pm	LUNCH - EARLY CAREER WORKSHOP, OTHER WORKSHOPS AND AUXILIARY MEETINGS PLUS ENTERTAINMENT ON THE TERRACE (San Juan Music)											
	CS024	CS005	SS065	CS022	CS037	CS009	SS066	SS041	CS010	SS023	SS012	SS007
2:00 - 3:30 pm 6 Talks	Microbial Ecology and Physiology	Acidification	Turning the Lights on for Deep-Sea Ecosystems in the Caribbean, Gulf of Mexico, and US SE Atlantic	Biodiversity	Coastal Ecosystems	Gas Fluxes	Large Rivers of the World as Pipes, Chimneys and Reactors	The Next Generation: Undergraduate Research in Puerto Rico and the US Virgin Islands	Nitrogen Biogeochemistry and Cycling	Carbon Cycling Across Gradients in the Land-Ocean-Continuum	Tracing the Natural and Anthropogenic Carbon Cycle Across Aquatic Environments	Halophila Stipulacea: Ecology and management of the globally invasive seagrass
3:30 - 3:45	COFFEE BREAK (Exhibit Hall B)											
	CS024	CS005	SS065	SS062	CS045	SS055	SS066	SS041	CS026	SS073	SS012	SS014
3:45 - 5:30 pm	Microbial Ecology and Physiology	Acidification	Turning the Lights on for Deep-Sea Ecosystems in the Caribbean, Gulf of Mexico, and US SE Atlantic	Mixotrophic Protists: An underrated majority in marine and freshwater ecosystems?	Physical Dynamics	The 2017 Hurricane Season: Challenges, Innovations, and Resiliency in Formal and Informal Education	Large Rivers of the World as Pipes, Chimneys and Reactors	The Next Generation: Undergraduate Research in Puerto Rico and the US Virgin Islands	Primary Production	The Challenge of Coral Reef Rehabilitation in the Context of Climate Change	Tracing the Natural and Anthropogenic Carbon Cycle Across Aquatic Environments	Ecosystem Based Management: Holistic Approaches to Effective Management of Regional Ecosystem
6:30 - 8:00 pm	Public Discussion - "What Can Aquatic Scientists Do For You?" (Ballroom A)											
8:00 pm	JAM SESSION - Latin Roots Salsa Club (Off-site)											

THURSDAY, 28 FEBRUARY 2019

ASLO 2019 AQUATIC SCIENCES Meeting												
Room	101	102	103 A	103 B	104	201	202	204	208 AB	208 C	209 AB	209 C
Theater Set (Max.)	334	353	172	172	506	288	353	150	340	170	312	156
	SS072	CS017	SS052	SS027	SS023	SS018	SS048	AS001	SS035	SS020	SS045	SS067
9:00 - 10:30 am	Methods in Aquatic Science Education	Harmful Blooms	Carbon Cycling within Coastal Wetlands and Water Bodies	Small Scale Spatial and Temporal Patterns in Particles, Plankton, and Other Organisms	Carbon Cycling Across Gradients in the Land-Ocean-Continuum	Metabolic Diversity in Marine Biogeochemical Cycles in Present and Future Ocean	Basic and Applied Research for Resource Management and Environmental Compliance	Success through Science: Using Limnology and Oceanography to Tackle Difficult Management Questions	Exploring Microbial Interactions and Organic Matter Transformations within Oxygen Minimum Zones	Large Lakes of the World: Detecting changes using long-term monitoring	Drone Remote Sensing for Aquatic Sciences: Challenges and Successes	Microbial Phototrophy: Interactions and Impacts on Nutrient Cycling
10:30 - 11:00	COFFEE BREAK (Exhibit Hall B)											
11:00 am - 12:30 pm	PLENARY AND AWARD TALK SESSION (Ballroom A) 2019 John Martin Award Acceptance (Via Video): Philip Boyd, Inst. for Marine and Antarctic Studies, University of Tasmania, Hobart, Tasmania, Australia 2019 Raymond Lindeman Award Acceptance: Andrea Bravo, IDAEA-CSIC, Barcelona, Spain Plenary Presentation: Chris Volpe, Executive Director, ScienceCounts, Inc., Washington, DC											
12:30 - 2:00 pm	LUNCH - STUDENT WORKSHOP, OTHER WORKSHOPS AND AUXILIARY MEETINGS PLUS ENTERTAINMENT ON THE TERRACE (Salsa Dance Lessons)											
	SS072	CS017	SS042	SS027	SS023	SS018	SS021	AS001	SS035	SS044	AS005	SS067
2:00 - 3:30 pm	Methods in Aquatic Science Education	Harmful Blooms	Long-term ecological studies of freshwater ecosystems in the Greater Caribbean Biogeographic	Small Scale Spatial and Temporal Patterns in Particles, Plankton, and Other Organisms	Carbon Cycling Across Gradients in the Land-Ocean-Continuum	Metabolic Diversity in Marine Biogeochemical Cycles in Present and Future Ocean	Transitioning Scientific Research into Meaningful Applications	Success through Science: Using Limnology and Oceanography to Tackle Difficult Management Questions	Exploring Microbial Interactions and Organic Matter Transformations within Oxygen Minimum Zones	Connecting Watershed Characteristics to Fluvial Exports and In-stream Biogeochemical Processes	Extreme Events	Microbial Phototrophy: Interactions and Impacts on Nutrient Cycling
3:30 - 3:45	COFFEE BREAK (Exhibit Hall B)											
	SS072	CS017	CS011	SS027	CS033	SS018	SS021	CS019	SS069	SS044	AS005	CS008
3:45 - 5:30 pm	Methods in Aquatic Science Education	Harmful Blooms	Phosphorus Biogeochemistry and Cycling	Small Scale Spatial and Temporal Patterns in Particles, Plankton, and Other Organisms	Coral Reef Ecosystems	Metabolic Diversity in Marine Biogeochemical Cycles in Present and Future Ocean	Transitioning Scientific Research into Meaningful Applications	Regime Shifts	Climate Adaptation in Aquatic and Human Systems	Connecting Watershed Characteristics to Fluvial Exports and In-stream Biogeochemical Processes	Extreme Events	Stable Isotopes
5:30 - 7:00 pm	POSTER SESSION and RECEPTION (Exhibit Hall B)											

FRIDAY, 1 MARCH 2019

ASLO 2019 AQUATIC SCIENCES Meeting												
Room	101	102	103 A	103 B	104	201	202	204	208 AB	208 C	209 AB	209 C
Theater Set (Max.)	334	353	172	172	506	288	353	150	340	170	312	156
	SS030	CS025	SS002	CS021	CS033	SS006	CS035	SS019	SS058	CS043	SPOT001	SS031
9:00 - 10:30 am	Bioluminescent Bays of the Caribbean: Science, Management, Outreach, and Recovery	Phytoplankton Ecology and Physiology	Environmental Epigenetics: Key mechanisms of acclimatization and adaptation to global ocean change	Aquatic Food Webs	Coral Reef Ecosystems	Plastics in the Aquatic Environment	Changing Biogeochemistry and Ecology Across Polar Aquatic Systems in the 21st Century	Blue Carbon: From the ecosystem to the markets	Brave New World: The ecology of highly impacted waterbodies	Global Oceanography and Limnology	Publications Spotlight Session	Impacts of (Sub)Mesoscale Ocean Dynamics on Marine Ecosystems
10:30 - 11:00	COFFEE BREAK (Ballroom A Foyer - 3rd Floor)											
11:00 am - 12:30 pm	PLENARY AND AWARD TALK SESSION (Ballroom A) 2019 G. Evelyn Hutchinson Award Acceptance: Oscar Schofield, Rutgers University, New Brunswick, NJ Plenary Presentation: Ernesto Diaz, Director, Coastal Management and Climate Change Office, PR Dept. of Natural and Environmental Resources, San Juan, Puerto Rico											
12:30 - 2:00 pm	LUNCH - WORKSHOPS AND AUXILIARY MEETINGS PLUS ENTERTAINMENT ON THE TERRACE (Music of the Island)											
	CS012	CS025	SS002	CS021	CS033	SS006	CS035	SS019	SS058	CS043	SPOT001	SS031
2:00 - 3:30 pm	Carbon Fluxes in FW and Marine Environment	Phytoplankton Ecology and Physiology	Environmental Epigenetics: Key mechanisms of acclimatization and adaptation to global ocean change	Aquatic Food Webs	Coral Reef Ecosystems	Plastics in the Aquatic Environment	Changing Biogeochemistry and Ecology Across Polar Aquatic Systems in the 21st Century	Blue Carbon: From the ecosystem to the markets	Brave New World: The ecology of highly impacted waterbodies	Global Oceanography and Limnology	Publications Spotlight Session	Impacts of (Sub)Mesoscale Ocean Dynamics on Marine Ecosystems
3:30 - 3:45	COFFEE BREAK (Ballroom A Foyer - 3rd Floor)											
	CS012	CS025	CS015	CS021	CS033	SS006	SS054	SS019	SS058		SPOT001	SS033
3:45 - 5:30 pm	Carbon Fluxes in FW and Marine Environment	Phytoplankton Ecology and Physiology	Environmental Change	Aquatic Food Webs	Coral Reef Ecosystems	Plastics in the Aquatic Environment	Remote Sensing of Water Quality and Quantity	Blue Carbon: From the ecosystem to the markets	Brave New World: The ecology of highly impacted waterbodies		Publications Spotlight Session	Going Deeper: Linkages across the oceanic water column
6:00 - 9:00 pm	CLOSING FIESTA featuring La Bomba Show and Band <i>(This is a ticketed event.)</i> (Terrace and 3rd Floor Prefunction Area)											