



Session Schedule

Wednesday				
	Grand F	Grand G	Grand H	Riverview 2
8:00 AM	State of the Great Lakes Beaches: Health, Conservation and Management	Invasive Species Monitoring and Management	Restoration of the Green Bay Watershed: A Pollutant Reduction Perspective	Results from the 2015 CSMI Intensive Field Year on Lake Michigan
8:20 AM				
8:40 AM				
9:00 AM			Status, Management and Restoration	
Break				
9:40 AM	Dangerous Currents in the Great Lakes:	Invasive Species Monitoring and Management	Status, Management and Restoration	Results from the 2015 CSMI Intensive Field Year on Lake Michigan
10:00 AM				
10:20 AM				
10:40 AM				
11:00 AM	Plenary			
12:00 PM	Lunch			
1:20 PM	Observations, Forecasting and Risk Communication	Invasive Species Monitoring and Management cont.	of Fish and Wildlife Populations of Green Bay	Results from the 2015 CSMI Intensive Field Year on Lake Michigan cont.
1:40 PM				
2:00 PM				
2:20 PM			Restoring the Health and Resiliency of the Green Bay Ecosystem - 1	
2:40 PM				
Break				
3:20 PM	Harmful Algal Blooms: Public Health, Beach Management and Emerging Issues	Invasive Species Monitoring and Management cont.	Restoring the Health and Resiliency of the Green Bay Ecosystem - 1	Results from the 2015 CSMI Intensive Field Year on Lake Michigan cont.
3:40 PM				
4:00 PM				
4:20 PM				
4:40 PM				
5:00 PM				

Thursday				
	Grand F	Grand G	Grand H	Riverview 2
8:00 AM	Pathogens and Risk Assessment at Great Lakes Beaches	General Submissions	Restoring the Health...of the Green Bay Ecosystem - 2	One Lake, Many Partners: How Do We Bring Everyone Together to Develop an Effective LAMP?
8:20 AM				
8:40 AM				
9:00 AM		Food Web Dynamics:	Water Quality and Biogeochemistry of Green Bay	
Break				
9:40 AM				
10:00 AM				
10:20 AM				
10:40 AM				
11:00 AM	Plenary			
12:00 PM	Lunch			
1:20 PM	Lake Michigan Beach and Nearshore Geomorphology, Sedimentology and Geologic History	Making Connections Across Trophic Levels	Social Science and Community Engagement	GLRI Project Highlights Within the Lake Michigan Basin from 2010-2016
1:40 PM				
2:00 PM				
2:20 PM		Lake Michigan Fish Habitats: Population Importance and Management Considerations		
2:40 PM				
Break				
3:20 PM	Harbors and Parks of Lake Michigan	Lake Michigan Fish Habitats: Population Importance and Management Considerations	Social Science and Community Engagement	GLRI Project Highlights Within the Lake Michigan Basin from 2010-2016
3:40 PM				
4:00 PM				
4:20 PM				
4:40 PM				
5:00 PM				

Wednesday, November 8, 2017

	Grand F	Grand G	Grand H	Riverview 2
8:00 AM	Tom A. Edge, Environment and Climate Change Canada State of Canadian Great Lakes beaches and their oversight	John Higley, Environmental Quality Operations Early detection and treatment of aquatic invasive species for effective water resource management	Barry Bubolz, USDA-NRCS NE Wisconsin Demonstration Farms Network	Derek Ager, U.S. EPA Region 5 Great Lakes National Program Office Lake Michigan 2015 CSMI Field Year overview
8:20 AM	John Wathen, U.S. EPA 2017 review of the 2012 Recreational Water Quality Criteria	Cari-Ann Hayer, U.S. Fish and Wildlife Service Adaptive aquatic invasive species early detection and monitoring program for Lake Michigan	Jeff Smudde, NEW Water Silver Creek pilot watershed project at NEW Water	Patricia Armenio, USGS Great Lakes Science Center Seasonal zooplankton community biomass and production differences
8:40 AM	Todd Brennan, Alliance for the Great Lakes Engaging communities and volunteers in ongoing partnerships to reduce marine debris	Victoria Prescott, Loyola University Risk assessment combined with climate change scenarios to predict future invaders in Lake Michigan	Jeremy A. Freund, Outagamie County Land Conservation Department Pay for performance cover crops to reduce runoff vulnerability	Annie Scofield, Cornell University Zooplankton diel vertical migration in southern Lake Michigan
9:00 AM	Gabrielle Parent-Doliner, Swim Drink Fish Canada Protecting health and water with an open standard for automated data exchange	Bart De Stasio, Lawrence University Monitoring efforts on the lower Fox River to slow secondary dispersal of AIS through the Fox Locks	Paul Baumgart, University of Wisconsin - Green Bay Ag management impacts on measured water quality at the field scale – What have we learned to date?	Paris Collingsworth, Purdue University Spatiotemporal trends in the condition of a secondary consumer, Bythotrephes, in Lake Michigan
9:20 AM	Break	Break	Break	Break
9:40 AM	Sandra McLellan, University of Wisconsin-Milwaukee Investigating the causes of beach closings with molecular approaches	Matthew S. Kornis, U.S. Fish and Wildlife Service History of Round Goby invasion and ecological effects in Lake Michigan and its tributaries	Andrew Ransom, University of Wisconsin - Green Bay Larval Lake Whitefish dynamics in connected and open waters of Green Bay	Knut Mehler, Great Lakes Center at SUNY Buffalo State Changes in Lake Michigan benthos over 85 years: A comparative study
10:00 AM	Megan Dodson, Great Lakes Water Safety Consortium Dangerous waves and currents on the Great Lakes	Meredith Nevers, USGS-Lake Michigan Ecological Research Station Abundant but elusive: Invasive Round Goby detection and quantification using eDNA	Lydia Doerr, University of Wisconsin-Green Bay Distinguishing natal origins of larval Lake Whitefish using Otolith microchemistry	Alexander Karatayev, Great Lakes Center at SUNY Buffalo State Underwater video is an effective tool to reveal <i>Dreissena</i> spatial distribution
10:20 AM	Yuli Liu, University of Wisconsin- Madison Characterization and prediction for dangerous currents at Port Washington, Lake Michigan	Philip Willink, Shedd Aquarium Weatherfish <i>Misgurnus anguillicaudatus</i> invasion of the Chicago area waterway system	Marian Shaffer, U.S. Fish and Wildlife Service Environmental drivers of the spatio-temporal distribution of Ichthyoplankton in lower Green Bay	Tom Hollenhorst, EPA Mid Continent Ecology Division "Data like a movie instead of a photo" - Continuous water sensor data collection, 2015 Lake MI CSMI
10:40 AM	Alvaro Linares, University of Wisconsin-Madison Unexpected rip currents on 4 July 2003 in Warren Dunes, Lake Michigan	Kevin Mann, U.S. Fish and Wildlife Service Status of Sea Lampreys in Lake Michigan	Christopher Houghton, University of Wisconsin - Green Bay Status of submergent aquatic vegetation in the Duck Creek Delta in lower Green Bay	Cary Troy, Purdue University Recent trends in Lake Michigan air and water temperatures
11:00 AM	Plenary	Plenary	Plenary	Plenary
12:00 PM	Lunch	Lunch	Lunch	Lunch

Wednesday, November 8, 2017

	Grand F	Grand G	Grand H	Riverview 2
1:20 PM	Cynthia Hakala, MN Department of Health 7 years of success: The Twin Ports Rip Current Workgroup	Emily Reed, Illinois Natural History Survey Nearshore zooplankton communities in Lake Michigan: Implications for Bighead Carp survival	Robert Howe, UW-Green Bay Distribution and dynamics of wildlife habitats in lower Green Bay	James Pauer, U.S. EPA/ORD Mid-Continent Ecology Division Lake Michigan nearshore: How modeling scenarios can improve dialog between modelers and ecologists
1:40 PM	Chin H. Wu, University of Wisconsin-Madison Development and application of integrated nowcast-forecast operational system for rip currents	Peter Alsip, University of Michigan Habitat suitability assessment for Asian Carp using 3D water quality data from Lake Michigan	Amy Wolf, University of Wisconsin - Green Bay Patterns of migratory waterfowl concentrations in lower Green Bay and the Fox River	David Bunnell, USGS Great Lakes Science Center Does proximity to high-loading tributaries enhance fish productivity in Lake Michigan?
2:00 PM	David Benjamin, Great Lakes Surf Rescue Project Solving the Great Lakes drowning epidemic	Erin O'Shaughnessey, Loyola University Battle of the claws: Competition between two non-native crayfish species in the Great Lakes region	Tom Prestby, UW-Green Bay's Cofrin Center for Biodiversity Diversity and spatiotemporal patterns of migrant shorebirds in lower Green Bay	Ed Rutherford, NOAA Great Lakes Environmental Research Laboratory Have invasive species caused changes in larval fish density and distribution in southeastern Lake MI
2:20 PM	David Benjamin, Great Lakes Surf Rescue Project Compassionately addressing the stigma of drowning	Brandon Harris, U.S. Fish and Wildlife Service Nonindigenous macroinvertebrate monitoring at invasion hotspots in Lake Michigan	Stephanie Beilke, Audubon Great Lakes Importance of stopover habitats for migratory land birds in the lower Green Bay coastal zone	David Wells, CIGLR Influence of Dreissenid Mussels on larval fish diet and prey selectivity in southeast Lake Michigan in 2015
2:40 PM	Matthew Warner, Michigan Coastal Management Program Implementing consistent swimmer safety communications about dangerous nearshore currents	Bradley Smith, U.S. Fish and Wildlife Service A lakewide survey of Asian Clam distribution at warmwater discharges in Lake Michigan	Erin Giese, UW-Green Bay's Cofrin Center for Biodiversity Breeding birds and anurans of dynamic Green Bay coastal wetlands	Scott McNaught, Central Michigan University Inshore-offshore patterns in stable isotope ratios among trophic levels in Lake Michigan
3:00 PM	Break	Break	Break	Break
3:20 PM	Bob Dukesherer, Great Lakes Water Safety Consortium Working to end drowning in the Great Lakes through a community of BEST practice	Tyler Harris, U.S. Fish and Wildlife Status and trends of the Asian Clam (<i>Corbicula fluminea</i>) in the lower Fox River in Green Bay, WI	Mark A. Davis, Illinois Natural History Survey The Green Bay Landscape Blueprint: Improving conservation outcomes via strategic design	Kristin TePas, Illinois-Indiana Sea Grant Sharing CSMI 2015 results beyond the choir
3:40 PM	Tracy Bone, U.S. Environmental Protection Agency EPA tools to support Cyanotoxin recreational water quality standards/advisories	Michelle Nault, Wisconsin DNR Monitoring and response following the discovery of Starry Stonewort (<i>Nitellopsis obtusa</i>) in Wisconsin	J. Val Klump, School of Freshwater Sciences Moving Science Forward with an Ecological and Socio-Economic Framework: Results of the CIGLR Science Summit in Green Bay	Elizabeth Hinchey-Malloy, U.S. EPA GLNPO 2015 Lake Michigan CSMI discussion session: Synthesizing results to inform the 2020 CSMI Field Year
4:00 PM	Debmalya Bhattacharyya, Northeast Ohio Regional Sewer District Implications of cross-reactivity of Microcystin congeners on quantitation	Murulee Byappanahalli, USGS Lake Michigan Ecological Research Station Managing an invasive species with a nuisance species: Phragmites vs. Cladophora	Nicole Van Helden, The Nature Conservancy Save the Bay Initiative: Two congressmen's efforts to improve water quality	Discussion
4:20 PM	Seth Foldy, International Joint Commission/Medical College of Wisconsin Protecting human health from Great Lakes Cyanotoxins: Emerging concerns	Angela Kowalzek-Adrians, Bay-Lake Regional Planning Commission Managing invasive Phragmites in the lower Green Bay and Fox River AOC	Trina Soyk, USFWS Habitat restoration for natural resources injured by PCBs in the lower Fox River/Green Bay	Discussion
4:40 PM	Terry Brown, U.S. EPA Applications of agent-based modeling to nutrient movement in Lake Michigan	Tim Campbell, UW Extension/UW Sea Grant Closing AIS Invasion Pathways to Lake Michigan Using Stop Aquatic Hitchhikers and Habitatattitude	Kari Hagenow, The Nature Conservancy Engaging municipalities and citizens in the battle against Phragmites	Discussion
5:00 PM	Amie Brady, U.S. Geological Survey A Great Lakes nowcast for E. coli and Cyanobacterial harmful algal blooms	Reuben Keller, Loyola University Assessing the success of outreach at reducing invasion risks from movement of recreational boats		Discussion

Thursday, November 9, 2017

	Grand F	Grand G	Grand H	Riverview 2
8:00 AM	Huiyun Wu, Michigan State University Microbial pollution source identification at a TMDL site in Michigan	Ed Verhamme, LimnoTech Web-based decision tools for wetland and watershed managers	Reena Bowman, U.S. Fish and Wildlife Service Restoring a chain of barrier islands in lower Green Bay: Partnerships and the beneficial use of dredge material	Elizabeth Hinchey-Malloy, U.S. EPA GLNPO From LaMP to LAMP: Developing the next generation of Lakewide Management Plans
8:20 AM	Jean Pierre Nshimiyimana, Michigan State University Applying Bacteroidales markers to discriminate sources of fecal pollution at Luna Pier Beach	Lisa Larimer, US EPA New FDA-EPA advice about eating fish: What women and children should know	James Snitgen, Oneida Nation Initiating watershed restoration in headwater wetlands and streams on the Oneida Reservation	Matt Preisser, Michigan Office of the Great Lakes A glimpse behind the curtain: Lake Michigan Lake Ecosystem Objectives (LEOs)
8:40 AM	Cynthia Hakala, MN Department of Health Using Virtual Beach to make beach advisory decisions: A health department's perspective	Matthew Flood, Michigan State University Understanding impacts of land use on nutrients and fecal contamination using microbial source tracking	Charles J. Larscheid, Brown County Land and Water Conservation Department Green Bay West Shore Northern Pike Habitat Restoration Project	Annie Turek, Illinois Natural History Survey at Illinois DNR Coastal Management Program Building networks: State coastal programs and Lake Michigan protection
9:00 AM	Abhilasha Shrestha, University of Illinois at Chicago School of Public Health Evaluation of Rapid qPCR Method for detection of E. coli in Lake Michigan beaches	Hongyan Zhang, CIGLR, University of Michigan Identifying nutrient tipping points for water quality and fishery production	Amy Carrozzino-Lyon, University of Wisconsin-Green Bay Restoring lower Green Bay and the west shore- Adapting to adaptive management in a variable system	Caroline Moellering, Little Traverse Bay Bands of Odawa Indians Tribal partnerships around Little Traverse Bay
9:20 AM	Break	Break	Break	Break
9:40 AM	Nick Lucius, City of Chicago Predicting E. coli concentrations using limited qPCR deployments at Chicago beaches	Katelyn Bockwoldt, University of Wisconsin-Milwaukee Spatial variation of Phytoplankton production in Lake Michigan	Shelby Brunner, NOAA Ocean Observing and Monitoring Understanding the balance of oxygen consumption in Green Bay	Todd Verboomen, East Central Regional Planning Commission Lake Michigan stakeholders "Wisconsin's voice for Lake Michigan"
10:00 AM	Rich Haugland, U.S. Environmental Protection Agency Results of the 2016 multi-lab evaluation study of EPA draft Method C: Quantitative PCR for E. coli	Hunter Carrick, Central Michigan University Picoplankton figure prominently in the food web dynamics of Lake Michigan	Erin Houghton, NEW Water Green Bay Metropolitan Sewerage District A utility review of changing Green Bay water quality trends	Lydia Utley, Purdue University Assisting communities in planning for a sustainable future
10:20 AM	Kendall Anderson, The University of Illinois at Chicago From beach to publish: Less than four-hour results for daily beach water monitoring	Cary Troy, Purdue University Regulation of plankton and nutrient dynamics by hydrodynamics and profundal filter feeders	Sarah Bartlett, NEW Water Green Bay Metropolitan Sewerage District The good, bad and green of Cyanobacterial blooms in Green Bay, Lake Michigan	Discussion
10:40 AM	Sonya Carlson, UW Sea Grant The future of predicting software around Lake Michigan	James Watkins, Cornell University Status of offshore zooplankton in Lake Michigan, 1997-2016	Steve Laszewski, Foth Infrastructure & Environment, LLC Initial contaminated sediment work on the lower Fox River - Little Lake Butte des Morts (OUI) optimized remedy	Discussion
11:00 AM	Plenary	Plenary	Plenary	Plenary
12:00 PM	Lunch	Lunch	Lunch	Lunch

Thursday, November 9, 2017

	Grand F	Grand G	Grand H	Riverview 2
1:20 PM	J Elmo Rawling III, Wisconsin Geological and Natural History Survey A summary of recent geologic research along Wisconsin's Lake Michigan shoreline	Henry Vanderploeg, NOAA GLERL Fine-scale organization of the pelagic food web in southern Lake Michigan: Does it matter?	Whitney Passint, UW-Extension Fox Demo Farms: Executing a comprehensive outreach plan	Kim Kreiling, IL DNR Coastal Management Program GLRI-funded restoration of high-biodiversity habitat in Illinois' Calumet region
1:40 PM	David Mickelson, Geo-Professional Consultants LLC After more than a decade of relatively low lake levels, what is happening on Wisconsin's Lake Michigan	Benjamin Leonhardt, Purdue University Species- and size-specific consumption by Lake Michigan salmonids	Nicole Evans, Illinois Natural History Survey Identifying nature's benefits: Sense of place and ecosystem services among stakeholders in the Green Bay-Fox River region	Shaun Howard, The Nature Conservancy The Michigan Dune Alliance - Restoring eastern Lake Michigan coastal ecosystems
2:00 PM	Nicholas Jordan, FreshWater Engineering Abrupt changes to bluffs adjacent to coastal structures in Lake Michigan	Brandon Gerig, Northern Michigan University Contaminant biotransport by Pacific salmon in Lake Michigan	Todd Miller, University Wisconsin-Milwaukee Citizens of the rivers and lake emerging pollutant monitoring program	Lindsay Peterson, Wild Rivers Invasive Species Coalition Establishing a Clean Boats Clean Waters Program in the WRISC Management Area of NE WI and UP MI
2:20 PM	Connor Collies, University of Wisconsin Madison Bluff recession on a developed coast in Lake Michigan: Lessons learned at Mt Pleasant, Wisconsin	Zachary Feiner, Purdue University Species-specific spatial patterns of trophic complexity in a Lake Michigan food web	Amanda Zopp, Riveredge Nature Center Healthy River Communities: Transforming the upper Milwaukee River watershed	Harvey Bootsma, University of Wisconsin-Milwaukee Benthic community response to removal of Quagga Mussels on a Lake Michigan nearshore reef
2:40 PM	Catherine Buchalski, Illinois Department of Natural Resources' Coastal Management Citizens Observing and Surveying the Shoreline (COaStS): A citizen science beach change project	Nicholas Boucher, CIGLR/University of Michigan Simulating spatial variability in Lake Michigan food web dynamics using an Atlantis Ecosystem Model	Julia Noordyk, UW-Sea Grant Institute Improving Lake Michigan communities with green infrastructure one code at a time	Sarah Francart, Outagamie County Land Conservation Department 9-key element plans for watershed restoration - From writing to installing
3:00 PM	Break	Break	Break	Break
3:20 PM	Ethan Theuerkauf, Illinois State Geological Survey Beach and dune geomorphic response to an increase in Lake Michigan water level	Charles R. Bronte, U.S. Fish and Wildlife Service Post-release survival and movement of Lake Trout stocked at historical spawning areas in Lake Michigan	Joe Dwyer, Wisconsin Coastal Management Program and UW Sea Grant Digitally enhancing public access to Wisconsin's Great Lakes: Connecting tech and shipwrecks	Jeremy A. Freund, Outagamie County Land Conservation Department Cover crop equipment demos – A key step to adoption of conservation farming systems
3:40 PM	Cary Troy, Purdue University Long-term patterns in the potential alongshore sediment transport rate in Lake Michigan	Jeremiah Shrovnal, Wyoming Game and Fish Relative influence of environmental and landscape variables on northern pike larval production	Judy Beck, League of Women Voters Lake Michigan Region Watershed literacy and engagement in Lake Michigan watersheds	Jason Smith, Little Traverse Bay Bands of Odawa Indians Rebuilding Cisco stocks in northern Lake Michigan
4:00 PM	Brennan Dow, UW-Milwaukee School of Freshwater Sciences Assessment and mapping of the Milwaukee Harbor habitat	Kurt Kowalski, U.S. Geological Survey Prioritizing Green Bay coastal wetland restoration sites using a regional restorability model	Dorreen Carey, Indiana DNR Lake Michigan Coastal Program Coastal Septic System "Good Neighbor" Community Engagement Program	David Knight, Great Lakes Commission contract staff Beneficial use of dredged material – Implementing complex projects through partnerships
4:20 PM	Brian Hinrichs, Foth Infrastructure and Environment Turning a defunct marina into prime real estate	David Clapp, Michigan DNR Fisheries Division Environmental principles and habitat priorities for sustainable Lake Michigan fisheries	Emily Tyner, University of Wisconsin-Milwaukee Eight years in, assessing the impact of GLRI: A pilot study from Lake Michigan	Catherine Buchalski, Illinois Department of Natural Resources' Coastal Management Ripples of change in Waukegan Harbor Area of Concern
4:40 PM	Peter Pittner, Miller Engineers & Scientists Not all beaches are created equal: Alternatives for a non-swimmable shoreline	John Janssen, University of Wisconsin-Milwaukee Rocky habitat and breakwall ecosystems, lessons from each	Catherine Riseng, University of Michigan SEAS Spatial data and decision tools for Great Lakes management and coordination	
5:00 PM	Vanessa Williams, Wild Goose Chase, Inc. Building a site-specific beach gull management program			