

## Water@Michigan 2018 – Participant List

Name	Title & Affiliation	Water Research Interests	Contact Information
<b>Sara Ana Adlerstein-Gonzalez</b>	Associate Research Scientist - U-M SEAS	I am an applied aquatic ecologist and a visual artist. Within the University of Michigan, I have been finding and creating opportunities to bridge the arts and environmental sciences to reach audiences in non-traditional ways.	adlerste@umich.edu
<b>Peter Adriaens</b>	Professor of Environmental Engineering and Finance - U-M Ross Business & Engineering	I focus on connecting water with financial risk impacts to business operations using finance and portfolio theory concepts. The applications emphasize new investment models for sustainable development of the Great Lakes region, and design of a water risk index for financial asset managers.	adriaens@umich.edu
<b>Maggie Allan</b>	Program Officer - U-M Graham Sustainability Institute		maallan@umich.edu
<b>Karen Alofs</b>	Assistant Professor - U-M Environment and Sustainability	I'm interested in how ecological concepts can be used to address conservation concerns in freshwater environments. I study the impacts of environmental change, including climate change and species invasions, on lake and stream ecosystems, aquatic ecosystems, and fisheries.	kmalofs@umich.edu
<b>Ravi Anupindi</b>	Colonel William G. and Ann C. Svetlich Professor of Operations Research and Management - U-M Ross	I am founding Faculty Director of the Center for Value Chain Innovation; co-Director of the Technology and Business Innovation Forum at	anupindi@umich.edu

## Water@Michigan 2018 — Participant List

	Business	Ross; and Chair of (UM) President's Advisory Committee on Labor Standards and Human Rights. At Michigan, he teaches classes in Global Supply Chain Management; Innovations in Global Health Delivery; and Sustainable Operations and Supply Chain Management.	
<b>Maria Arquero de Alarcon</b>	Associate Professor - U-M Taubman Architecture and Urban Planning		marquero@umich.edu
<b>Elin Betanzo</b>	Principal - Safe Water Engineering, Inc.	I am a water quality engineer and founder of Safe Water Engineering LLC. As a former Environmental Engineer with the U.S. Environmental Protection Agency, I assist water utilities with Lead and Copper Rule compliance and developing lead service line replacement programs.	elin@safewaterengineering.com
<b>Franck Binze Bi Kumbe</b>	Visiting Researcher - U-M Environment and Sustainability	I am a visiting scholar from Gabon with a background in linguistic anthropology and land management. I hope to conduct my dissertation research on lexicographical investigation of water treatment technologies in rural communities of Gabon.	fbinzebi@umich.edu
<b>A. J. Birkbeck</b>	Managing Attorney - Fulcrum Law	Environmental lawyer and brownfields and sustainability consultant.	abirkbec@umich.edu
<b>Rolf Bouma</b>	Lecturer - U-M Environment and Sustainability	I study values as they manifest themselves in	rbouma@umich.edu

## Water@Michigan 2018 – Participant List

environmental ethics and religious worldviews, especially how we elevate certain values by conferring on them sacred status.

<b>Dietrich Bouma</b>	Research Specialist - U-M Graham Sustainability Institute		boumad@umich.edu
<b>Maeghan Brass</b>	Collaborative Research Manager - U-M Graham Sustainability Institute		maebrass@umich.edu
<b>John Bratton</b>	Senior Scientist - LimnoTech, Inc.	I am an earth and environmental scientist with broad interests in the water components of large ecosystems from Chesapeake Bay, to the Great Lakes, to San Francisco Bay. My research and projects focus on conceptual and numerical models, data analysis and delivery, environmental history, and water-related policy and law.	jbratton@limno.com
<b>Heather Braun</b>	Program Manager - Great Lakes Commission	Program manager for coastal conservation and habitat restoration at the Great Lakes Commission. Interested in assessing the economic impacts of great lakes restoration.	hbraun@glc.org
<b>Kathryn Buckner</b>	President - Council of Great Lakes Industries		kabuckner@cgli.org
<b>Victoria Campbell-Arvai</b>	Research Scientist - U-M Environment and Sustainability	I am an Assistant Research Scientist in SEAS, where my research explores the contribution of	vcarvai@umich.edu

## Water@Michigan 2018 — Participant List

---

knowledge, values, attitudes, and perceptions to direct and indirect pro-environmental behaviours (PEB). I am additionally interested in the role of informational and structural interventions to motivate environmentally beneficial decision-making and behaviors.

<b>Brad Cardinale</b>	Professor - U-M Environment and Sustainability	I am a Professor in the School for Environment and Sustainability at the University of Michigan where I teach classes in Conservation Biology, Ecological Restoration, and the valuation of Ecosystem Services. For my research, I use mathematical models, experiments, and syntheses of existing data to understand and predict the consequences of biodiversity loss for humanity, and to reverse these impacts through conservation and restoration of ecosystems.	bradcard@umich.edu
<b>Miller Carol</b>	Professor - Wayne State University		cmiller@eng.wayne.edu
<b>Matthew Child</b>	Deputy Director, Great Lakes Regional Office - International Joint Commission (IJC)	I support the International Joint Commission's Science Advisory Board. The Board has several ongoing projects that can be informed by ongoing U-M research and is always interested in ideas for future Board investigations.	childm@windsor.ijc.org
<b>Aline Cotel</b>	Associate Professor - U-M Engineering	Stream Restoration, Global Outreach,	acotel@umich.edu

---

## Water@Michigan 2018 — Participant List

Biological and Geophysical Fluid Dynamics.

<b>Bill Currie</b>	Professor - U-M Environment and Sustainability	I am an ecosystem ecologist and modeler who studies nutrient runoff and wetlands, as well as land use from a social-ecological perspective. I am interested in studying Great Lakes water issues from an interdisciplinary, sustainability perspective that combines social, economic, and ecological understanding.	wcurrie@umich.edu
<b>Awoke Dagnew</b>	Postdoctoral Researcher - U-M Graham Sustainability Institute	Watershed and water quality assessment through modeling and observations.	awoke@umich.edu
<b>Glen Daigger</b>	Professor of Practice - U-M Engineering	As Professor of Engineering Practice in CEE, I am a water profession with more than 40 years of practical and academic experience. I have broad interests in water, and also particularly planning, delivery, and operating/maintaining the necessary infrastructure.	gdaigger@umich.edu
<b>Christine Doby</b>	Program Officer - Fred A. and Barbara M. Erb Family Foundation		cdoby@erbff.org
<b>Patrick Doran</b>	Director of Conservation for Michigan - The Nature Conservancy	I currently serve as Associate State Director in Michigan where I oversee development and implementation of conservation strategies for TNC's work in Michigan with contributions throughout the Great Lakes region, North	pdoran@tnc.org

## Water@Michigan 2018 – Participant List

		American and globally, including African Great Lakes conservation. Along with my staff of over 30 conservation professionals, I focus on strategies that address protected areas establishment and management, sustainable forestry, sustainable agriculture, coastal management, invasive species, fisheries and aquatic connectivity restoration, urban conservation, climate change adaptation, and underlying measures of success, monitoring and information management.	
<b>Matt Doss</b>	Policy Director - Great Lakes Commission	The Great Lakes Commission is interested in how it can support regional efforts to facilitate coastal community revitalization.	mdoss@glc.org
<b>Gabe Ehrlich</b>	Director of Research Seminar in Quantitative Economics - U-M LSA Economics	I am the director of the Research Seminar in Quantitative Economics, a research unit within the Economics Department focusing on economic forecasting and impact analysis.	gehrlich@umich.edu
<b>John Erb</b>	President - Fred A. and Barbara M. Erb Family Foundation		jerb@erbff.org
<b>John Foster</b>	Associate Professor - U-M Engineering	I study the use of plasma for water purification. This work supports water reuse.	jefoster@umich.edu
<b>Brad Garmon</b>	Michigan Environmental Council		

## Water@Michigan 2018 — Participant List

<b>Omar Gates</b>	Climatologist - U-M SEAS-GLISA	I am a climatologist for the Great Lakes Integrated Sciences and Assessments program, where I provide consultation to partner organizations and stakeholders. My primary role is gathering and processing climate data within the Great Lakes region.	gateso@umich.edu
<b>Cynthia Gerlein-Safdi</b>	Junior Fellow - U-M Engineering	I am a Junior fellow from the Michigan Society of Fellows working on the interaction between water and vegetation, from the leaf to the continental scale.	cgerlein@umich.edu
<b>Devin Gill</b>	Stakeholder Engagement Specialist - CIGLR	I work with CIGLR's harmful algal blooms (HABs) and hypoxia forecast model teams to connect scientists with citizens. My role is to translate scientific research for the public, and help bridge usability gaps.	deving@umich.edu
<b>Jackie Goodrich</b>	Research Scientist - U-M Public Health		gaydojac@umich.edu
<b>Robert Goodspeed</b>	Assistant Professor - U-M Taubman Architecture and Urban Planning	My research focuses on improving collaborative planning processes to improve sustainability outcomes. Specific to water, this has included creating new geographic information system (GIS) tools to improve access to information, and a current project to develop a groundwater game for stakeholder education.	rgoodspe@umich.edu

## Water@Michigan 2018 – Participant List

<p><b>Christine Greene</b></p>	<p>Principal Investigator – NSF International; President, HITS</p>	<p>She strives to improve public health in the areas of infectious disease prevention and control in clinical, dental and community settings. Her work serves to improve the accuracy of environmental mediated infectious disease transmission modelling, strengthen current guidelines to control healthcare-associated infections and stimulate innovative approaches to reduce the risk of biofilm-related infections, pathogen transmission and the environmental persistence of infectious agents. Dr. Greene is a co-founder of the Healthcare Infection Transmission Systems (HITS) Consortium and is an advisory board member of InfectionControl.tips.</p>	<p>cgreene@nsf.org</p>
<p><b>Tian Guo</b></p>	<p>Postdoctoral researcher - U-M Environment and Sustainability</p>	<p>My research generally focuses on decision-making and human behaviors coupled with human-nature systems. My current research focuses on predicting human behavioral responses to water quality problems and their interactions with environmental conditions and policies.</p>	<p>tianguo@umich.edu</p>
<p><b>Rick Hobrla</b></p>	<p>Program Manager - Michigan Office of the Great Lakes</p>	<p>I manage the State of Michigan's programs that support the U.S. EPA in implementing the Great Lakes Water Quality Agreement.</p>	<p>hobrlar@michigan.gov</p>



## Water@Michigan 2018 — Participant List

<b>Andrew Horning</b>	Interim Director - U-M Graham Sustainability Institute		ahorning@umich.edu
<b>Sharon Hu</b>	Masters Student - U-M SEAS & Ford Public Policy		sharonsh@umich.edu
<b>Sarah Kalikow</b>	Masters Student - U-M Environment and Sustainability	My thesis research will investigate the connections between water quality, green infrastructure, and social equity. My upcoming summer internship at the Washtenaw County Water Resources Commissioner's Office will focus on rain gardens, water quality, and community engagement.	skalikow@umich.edu
<b>Branko Kerkez</b>	Assistant Professor - U-M Engineering	My research and teaching interest is on the intersection of water, data, and autonomous systems. I am the founder of open-storm.org.	bkerkez@umich.edu
<b>Elizabeth LaPorte</b>	Program Manager - U-M Graham Sustainability Institute		elzblap@umich.edu
<b>Mary Leighton</b>	Postdoctoral Researcher - U-M LSA Anthropology		marylei@umich.edu
<b>Mark Lindquist</b>	Assistant Professor - U-M Environment and Sustainability	My research and teaching focus on the design and evaluation of high performance landscapes with an emphasis on multifunctional green infrastructure in urban areas. I am particularly	marklin@umich.edu

## Water@Michigan 2018 – Participant List

		interested in understanding how engaging with computation and data can transform the design process as well as inform decision making by stakeholders.	
<b>Rita Loch-Carusio</b>	Professor – U-M Public Health	I am interested in chemical contamination of drinking water sources, both surface and groundwater, and the health risks posed by these contaminants. My research has been funded by the Superfund Research Program for over two decades investigating reproductive toxicology of groundwater contaminants. I also am actively engaged in citizen organizations related to water.	rlc@umich.edu
<b>Brent Lofgren</b>	Physical Scientist-Meteorology - NOAA-GLERL	I am a climate scientist and modeler with NOAA's Great Lakes Environmental Research Laboratory. I research in the areas of climate change's interactions with Great Lakes water levels, ecosystems, and human systems.	Brent.Lofgren@noaa.gov
<b>Nancy Love</b>	Professor - U-M Engineering	I am a Professor in the Department of Civil and Environmental Biotechnology. I work with a team of research students and collaborators to focus on efficient technologies for treating water and recovering resources from water, equitable access to quality water in communities across the globe, and increasingly the impact of aging infrastructure on the	nglove@umich.edu

## Water@Michigan 2018 — Participant List

microbiological quality of processed water.

<b>Ernesto Martinez Paz</b>	Masters Student - U-M Engineering	I am interested in water reuse, the economics of water accessibility, and water access tradeoffs with social interactions at the neighborhood level.	ernestom@umich.edu
<b>Marie McCormick</b>	Executive Director - Friends of the Rouge	Currently working on the lower Rouge River Water Trail. Interested in making more connections with individuals who have already done the work of building a trail and mobilizing the community to participate.	mmccormick@therouge.org
<b>Briana Mezuk</b>	Associate Professor - U-M Public Health	I am an Associate Professor in the Dept. of Epidemiology. My hometown (Rockford, MI) is in the midst of an environmental crisis with a massive groundwater contamination of PFAS, likely due to Wolverine Worldwide (which used to manufacture Hushpuppy shoes there). I am trying to learn how I can support this community.	bmezuk@umich.edu
<b>Thomas Moore</b>	Professor Emeritus - U-M LSA Ecology and Evolutionary Biology	Great Lakes invasive species	temoore@umich.edu
<b>Mona Munroe-Younis</b>	Program Manager - U-M Public Health	Solutions for the Flint water crisis; Flint/Detroit regional water affordability, access and safety; environmental justice	myounis@umich.edu

## Water@Michigan 2018 — Participant List

<b>Joan Nassauer</b>	Professor - U-M Environment and Sustainability		nassauer@umich.edu
<b>Dawn Nelson</b>	Doctoral Student - U-M Environment and Sustainability	As an environmental social scientist, my research interests focus on habitat preservation and cultivating regional economies that are socially diverse and inclusive. Coastal recreation, tourism, and ecology are uniquely related as a social ecological dynamic, with many opportunities to apply the principles of environmental justice.	anadawn@umich.edu
<b>Richard Norton</b>	Professor - U-M Taubman Architecture and Urban Planning	I study the legal and planning aspects of community resilience for Great Lakes coastal communities.	rknorton@umich.edu
<b>Jonathan Overpeck</b>	Dean - U-M Environment and Sustainability		overpeck@umich.edu
<b>Susan Parrish</b>	Professor - U-M LSA English	I am the author of "The Flood Year 1927: A Cultural History." I am interested in how public audiences come to think and feel about water, and water-related disasters, through journalism as well as through popular and high culture.	sparrish@umich.edu
<b>Rob Pettit</b>	Associate Scientist, Environmental Consulting and Technology, Inc.		rpettit@ectinc.com

## Water@Michigan 2018 – Participant List

---

<b>Emily Pfeiderer</b>	Masters Student - U-M SEAS & Ford Public Policy	Interested in community-focused water management/water citizenship in Latin America and transboundary water governance.	enpfle@umich.edu
<b>Daniel Phillips</b>	Doctoral Student - U-M Environment and Sustainability	I am a PhD student, interested in urban watershed health. Currently doing research within Bangalore, India.	drph@umich.edu
<b>Evan Pratt</b>	Water Resources Commissioner - Washtenaw County	I am the elected Water Resources Commissioner representing some 360,000 Washtenaw County residents with primary responsibility for drainage (water quantity and quality) waste diversion and aquatic invasives management. Collaborations to address water quality and water infrastructure issues are of ongoing interest.	pratte@washtenaw.org
<b>Thomas Princen</b>	Associate Professor - U-M Environment and Sustainability	I am the author of The Logic of Sufficiency, Treading Softly: Paths to Ecological Order and co-editor of Confronting Consumption, The Localization Reader: Adapting to the Coming Downshift and Ending the Fossil Fuel Era. I teach courses on institutions for sustainability, the history and political economy of food, fossil fuel and water, and cultural transition.	tprincen@umich.edu
<b>Jennifer Read</b>	Water Center Director - U-M Graham Sustainability Institute	I support and facilitate multi-disciplinary	jenread@umich.edu

---

## Water@Michigan 2018 — Participant List

---

research teams wishing to work directly with end-users in co-producing science to address their needs. I am well-networked in the coastal and estuarine, fresh and salt, communities in the US and Canada.

<b>Elizabeth Roberts</b>	Assistant Professor - U-M LSA Anthropology	I collaborate with faculty in environmental engineering, anthropology, and environmental health from the University of Michigan and the Instituto Nacional de Salud Publica. on the Neighborhood Environments as Socio-Techno-bio Systems: Water Quality, Public Trust, and Health in Mexico City (NESTSMX), which is an NSF-funded four-year collaborative interdisciplinary project. Our goal is to develop methods for understanding neighborhoods as socio-techno-bio systems and how these systems relate to people's trust in (or distrust of) their water.	lfsrob@umich.edu
<b>Laura Rubin</b>	Executive Director - Huron River Watershed Council		lrubin@hrwc.org
<b>Jill Ryan</b>	Executive Director - Freshwater Future	Freshwater Future links local, impacted communities to information, tools, resources and funding that can help elevate their needs and voices in the policy/change dialogue. Our interests include how innovation is and can be added to the water infrastructure conversations to ensure we don't recreate what is broken.	jill@freshwaterfuture.org
<b>Jennifer Schlicht</b>	Office Manager - Clean Water		jschlicht@cleanwater.org

## Water@Michigan 2018 – Participant List

Action

<b>William Schultz</b>	Professor - U-M Engineering	I'm interested in fundamental fluid including evaporation, oil spill cleanup, fish swimming.	<a href="mailto:schultz@umich.edu">schultz@umich.edu</a>
<b>Amy Jo Schulz</b>	Professor - U-M Public Health	My primary area of research is in the area of environmental justice and health inequities.	<a href="mailto:ajschulz@umich.edu">ajschulz@umich.edu</a>
<b>Paul Seelbach</b>	Professor of Practice - U-M Environment and Sustainability	Integration of riverine and nearshore ecosystem knowledge into coastal management.	<a href="mailto:seelbach@umich.edu">seelbach@umich.edu</a>
<b>Mike Shriberg</b>	Regional Director, Great Lakes - National Wildlife Federation	The National Wildlife Federation's Great Lakes Regional Center works at the nexus of policy/advocacy/science/education on issues ranging from Great Lakes restoration to harmful algal blooms and from fossil fuel transport to invasive species. We often collaborate with researchers.	<a href="mailto:shribergm@nwf.org">shribergm@nwf.org</a>
<b>Sukhwinder Singh</b>	Research Fellow - U-M Environment and Sustainability	I am an agricultural economist with research interests around agricultural sustainability, natural resource management especially of groundwater and soil.	<a href="mailto:sukhs@umich.edu">sukhs@umich.edu</a>
<b>Sanjiv Sinha</b>	Vice President - Environmental Consulting & Technology, Inc.	I am a Vice President at ECT, a consulting firm	<a href="mailto:sk_sinha1@yahoo.com">sk_sinha1@yahoo.com</a>

## Water@Michigan 2018 — Participant List

	(ECT)	with 20 offices across the country, and formerly a faculty member of Engineering at U-M.	
<b>Katie Snyder</b>	Lecturer - U-M Engineering		snyderkl@umich.edu
<b>Allison Steiner</b>	Associate Professor - U-M Engineering	I study climate change and its influence on water quality. Specifically, we have an NSF-funded project looking at the role of climate change on HABs in western Lake Erie.	alsteine@umich.edu
<b>Rob Sulewski</b>	Lecturer - U-M Engineering	My research involves the effects of wetland remediation on plant populations, water quality, and greenhouse gas production.	robsul@umich.edu
<b>Michele Swanson</b>	Professor - U-M Medicine	Research focus is on the water-borne pathogen Legionella pneumophila. In Feb. 2018, I published two multi-disciplinary, multi-institutional studies in PNAS and mBio with the Flint Area Community Health and Environment Partnership team on the Legionnaires' disease outbreaks that coincided with the Flint Water Crisis.	mswanson@umich.edu
<b>Kevin Taylor</b>	IEEE Power & Energy Society		taylor@ieee.org
<b>Dana Thomas</b>	Program Manager - U-M Public		danat@umich.edu



## Water@Michigan 2018 — Participant List

Health

<p><b>Lara Treemore-Spears</b></p>	<p>Program Coordinator - Wayne State University</p>	<p>Complex interdisciplinary research projects at the intersection of social and physical sciences relating to the built environment are my specialty, recently managing the Flint Area Community Health and Environment Partnership, a collaborative effort of UM, MSU, Wayne State, Kettering and a variety of partners beyond the academy. I have a passion for engaging stakeholders and driving advancements in socially-relevant science, design and policy.</p>	<p>treemorespears@wayne.edu</p>
<p><b>Lori Tschirhart</b></p>	<p>Associate Librarian - U-M Libraries</p>	<p>I am a librarian with subject expertise in earth and environmental sciences and sustainability. I partner regularly with campus students, faculty, and staff to identify research resources and to promote maximal impact of research outputs.</p>	<p>ltz@umich.edu</p>
<p><b>Lynn Vaccaro</b></p>	<p>Coastal Ecosystem Research Specialist - U-M Graham Sustainability Institute</p>	<p>As a staff member at the Graham Institute, I support collaborative coastal and water-related research efforts through a number of activities, including outreach and engagement, advisory group facilitation and grant coordination.</p>	<p>lvaccaro@umich.edu</p>
<p><b>Grace van Velden</b></p>	<p>Masters Student - U-M Public Health</p>		<p>gracevel@umich.edu</p>
<p><b>Matthew Vedrin</b></p>	<p>Doctoral Student - U-M</p>		<p>vedrin@umich.edu</p>

## Water@Michigan 2018 – Participant List

	Environment and Sustainability	Integrating observational and interventional approaches from anthropology and engineering to study and impact water, sanitation, waste, and hygiene in Gabon, Central Africa. Find balance between research and practice, and live at the interfaces of social science, international development, public health, and engineering.	
<b>Lizhu Wang</b>	Environmental Science Advisor - International Joint Commission (IJC)	I am interested in evaluating the influences of natural and anthropogenic environmental factors on water quality, physical habitat, and biological communities; modeling relationships among hydrology, thermal, landscape, land-use, channel morphology, and biota; developing tools and conducting aquatic system spatial classifications for management evaluation and environmental impairment assessment; and providing science-based policy advice to the governments on Great Lakes water quality issues.	lizuwang@umich.edu
<b>Paul Webb</b>	Emeritus Professor - U-M Environment and Sustainability	Fisheries biology and fluid mechanics/ecology interactions in shoreline management.	pwebb@umich.edu
<b>A.J. Wing</b>	Doctoral Student - U-M LSA Ecology and Evolutionary Biology	I am a PhD student working with the toxic algal blooms in the Great Lakes as well as the viruses associated with those blooms.	ajwing@umich.edu
<b>Chuanwu Xi</b>	Professor - U-M Public Health		cxi@umich.edu

## Water@Michigan 2018 — Participant List

I am a professor of Environmental Health Sciences and director of Global Environmental Health. My research focuses on biofilms, water quality and treatment and human health. My research on water quality extends to different regions of the world including Peru, Qatar, China and the US.

**Hongyan Zhang**

Assistant Research Scientist -  
CIGLR

I am using water quality models and ecosystem models to study how nutrient loads and invasive species affect water quality, fish production, and ecosystem stability.

zhanghy@umich.edu

**Bowen Zhou**

Masters Student - U-M  
Engineering

zhoubw@umich.edu

**Todd Ziegler**

Research Specialist - U-M  
Public Health

toddz@umich.edu