

2017 Water@UW-Madison Spring Symposium – Tuesday, May 9th 2017

Speaker	Time	Department/Affiliation	Talk Title
INTRODUCTION (8:00–8:20)			
Steve Carpenter	8:00	Center for Limnology	
Steve Ackerman	8:05	Associate Vice-Chancellor of Research and Graduate Education	
SESSION I (8:20-9:40)			
Anita Thompson	8:20	Biological Systems Engineering – UW Madison	Impacts of watershed land use and management on water quality
Randy Lehr		Northland College	Adapting to climate change in Lake Superior
Christy Remucal		Environmental Chemistry and Technology – UW Madison	An adaptive approach to remove emerging contaminants from our drinking water
Bob Smail		Wisconsin Department of Natural Resources	Historic water level variation in Wisconsin
Daniel Noguera		Civil and Environmental Engineering – UW Madison	New ideas in biological wastewater treatment
Jonathan Patz	8:50	Population Health Sciences – UW Madison	Water-related health risks from climate change
Tim Campbell		University of Wisconsin Extension	Helping Wisconsin stop aquatic hitchhikers
Matt Diebel		Wisconsin DNR	Long-term trends in river water quality in Wisconsin
Adena Rissman		Forest and Wildlife Ecology – UW Madison	Public support for water quality policy
Bill Selbig		United States Geological Survey	Urban storm water research at the USGS Wisconsin Water Science Center
Andrew Rypel	9:20	Wisconsin Department of Natural Resources	Building resilience into freshwater fisheries through ecology and management
Jordan Read		United States Geological Survey	Changes in lake temperature and ice cover in Wisconsin
Matt Ruark		Soil Science – UW Madison	Can we really improve nitrogen fertilizer management to improve groundwater quality?
Sandra McLellan		Freshwater Sciences – UW Milwaukee	Tracking sources of pollution in Wisconsin waters
BREAK (9:45-10:10)			
SESSION II (10:10-11:50)			
Val Klump	10:10	Freshwater Sciences – UW Milwaukee	"Dead Zones" in Green Bay, can they be brought back "to life"?
Ken Genskow		Urban and Regional Planning – UW Madison	Engaging farmers in watershed health
Paul Hanson		Center for Limnology – UW Madison	Integrated catchment modeling for lake water quality
Steve Loheide		Civil and Environmental Engineering – UW Madison	Urban ecohydrology: the effect of cities on hydrologic and ecologic processes
George Kraft		Fisheries and Water Resources – UW Stevens Point	Can Wisconsin find its way on groundwater pumping?
Trina McMahan	10:40	Bacteriology – UW Madison	The water microbiome
Morgan Robertson		Geography – UW Madison	Wetland credit markets
Emily Stanley		Center for Limnology – UW Madison	Taking a long look at lakes: The North Temperate Lakes Long-Term Ecological Research Program

Bret Shaw		Life Sciences Communication – UW Madison	Psychological barriers for promoting natural shorelines to lakeshore property owners
Jim Hurley		UW Aquatic Sciences	Sea Grant’s role in promoting actionable science for the Great Lakes
Jake Vander Zanden	11:10	Center for Limnology – UW Madison	Invasive species outbreaks: what we've learned from spiny water flea in Lake Mendota
Steph Tai		Law - UW Madison	How scientists are fighting for the EPA's Waters of the United States Rule (and what I've been doing as a lawyer to try to help)
Ankur Desai		Atmospheric and Oceanic Sciences – UW Madison	Are plants using less water these days?
Dan Isermann		Fisheries and Water Resources – UW Stevens Point	Identifying walleye recruitment bottlenecks in northern Wisconsin lakes
Mark Borchardt		United States Department of Agriculture	Groundwater-borne infectious disease in Wisconsin
Dan Phaneuf	11:40	Agricultural and Applied Economics – UW Madison	The Impact of zebra mussel invasions on property values in Wisconsin
Tony Goldberg		Veterinary Medicine – UW Madison	Emerging fish diseases in Wisconsin

BREAK (11:55-12:20)

PANEL DISCUSSION (12:20-1:00)

“What can we do to catalyze freshwater scholarship to best serve the needs of the state?”

Panel Members: Steve Carpenter (Center for Limnology), Steve Ackerman (Associate Vice-Chancellor of Research and Graduate Education), Adena Rissman (Forest and Wildlife Ecology), Ankur Desai (Atmospheric and Oceanic Sciences), Emily Stanley (Center for Limnology).