Water@UWMadison: A Wisconsin Idea Symposium May 11, 2015

Speaker	Time	Department/Affiliation	Title	Email
INTRODUCTION (8:15-8:40)				
Steve Ackerman	8:15	Associate Vice-Chancellor of Research and Graduate Education	Water and cross-campus collaborations	stevea@ssec.wisc.edu
Steve Carpenter	8:20	Limnology and Zoology	Water@UW-Madison: A bird's eye overview	srcarpen@wisc.edu
Jake Vander Zanden	8:35	Limnology and Zoology	Objectives for the day	mjvanderzand@wisc.edu
SESSION I (8:40-10:00)				
Samer Alatout	8:40	Community & Environmental Sociology	Water science, politics, and history in Palestine 1850-2014	snalatout@wisc.edu
Marc Anderson		Environmental Chemistry & Technology	Cleaning Water and Storing Energy: Capacitive Deionization	nanopor@wisc.edu
Patrick Krysan		Genome Center of WI and Horticulture	Fishing for DNA: Characterizing fish communities by counting DNA molecules in a lake	fpat@biotech.wisc.edu
Jean Bahr		Geoscience	Preferential flow in the Cambian-Ordovician sandstone aquifer of the Upper Midwest	jmbahr@geology.wisc.edu
Paul Block		Civil & Environmental Engineering	Tailoring climate information for water resources management	pblock2@wisc.edu
Robert Bohanan		Wisconsin Institute Science Education	Citizen Science, Urban Limnology and Dragonflies: A New Paradigm of Participatory Science	rbohanan@wisc.edu
Eric Booth		Agronomy and Civil & Enviornmental Engineering	From wetland hydroecology to watershed sustainability science	egbooth@wisc.edu
Michael Cardiff		Geoscience & Geological Engineering	Groundwater Protection in the 21st Century	cardiff@wisc.edu
Gene Clark		University of Wisconsin Sea Grant Institute	UW-Sea Grant's Coastal Engineering Research & Extension	grclark@aqua.wisc.edu
Michael Ferris		Computer Sciences & Wisconsin Institute for Discovery	Using extended mathematical programming for water rights modeling	ferris@cs.wisc.edu
Ken Genskow	9:20	Urban & Regional Planning	What's so exciting about farmer-led watershed councils?	kgenskow@wisc.edu
Matthew Ginder-Vogel		Civil & Environmental Engineering	What's water got to do with it?	mgindervogel@wisc.edu
Laura Good		Dept Soil Science	Runoff Phosphorus Load Reductions in an Agricultural Watershed	lwgood@wisc.edu
Madeline Gotkowitz		WI Geological and Natural History Survey, UW Extension	Transport of wastewater constituents from sewers to groundwater	mbgotkow@wisc.edu
Claudio Gratton		Entomology and Zoology	Aquatic insects link lakes and land	cgratton@wisc.edu
Paul Hanson		Limnology	Why care about carbon in lakes?	pchanson@wisc.edu
Jennifer Hauxwell		University of Wisconsin Sea Grant Institute	UW Aquatic Sciences Center-Overview and Opportunities for You	jennifer.hauxwell@aqua.wisc.edu
Sara Hotchkiss		Botany	Floating peat: how climatic variability can cause sudden state change in kettle lakes	shotchkiss@wisc.edu
Jim Hurley		ASC, Sea Grant	High precision mercury isotope ratios in the environment	hurley@aqua.wisc.edu
Randy Jackson		Agronomy	Grassland for water quality	rdjackson@wisc.edu
William Karasov		Dept of Forest and Wildlife Ecology	Risk of endocrine disruption in WI frogs and fish	wkarasov@wisc.edu
Heinz Klug	9:55	Law	Human Rights Program and its work on the human right to water	heinz.klug@wisc.edu
BREAK (10:00-10:15)				

SESSION II (10:15-11:45)				
Tony Goldberg	10:15	Pathbiological Sciences, Vet Medicine	Ecology, diagnosis and management of viral hemorrhagic septicemia virus in Wisconsin	tgoldberg@svm.vetmed.wisc.edu
Christopher Kucharik		Agronomy	Impacts of Agricultural Land Use on Water Quality and Quantity in Wisconsin	kucharik@wisc.edu
Carol Lee		Zoology & Center of Rapid Evolution (CORE)	Microbial Metagenomes of Zooplankton and the Transmission of Waterborne Pathogens	carollee@wisc.edu
Sharon Long		Soil Science	Monitoring for Waterborne Pathogens: Moving beyond coliform testing	slong@wisc.edu
John Magnuson		Zoology and Limnology	Climate changes after the onset of the Industrial Revolution are revealed from observations of lake and riverice seasonality	jjmagnus@wisc.edu
Galen McKinley		Atmospheric and Oceanic Sciences	Circulation and carbon cycling in the oceans and Great Lakes	gamckinley@wisc.edu
Katherine McMahon		Civil & Environmental Engineering	The unseen majority: how microbes rule the waves	trina.mcmahon@wisc.edu
Larry Nesper		Anthropology	Ojibwe ethno-hydrology and the failures of the Crandon and Gogebic Taconite mining proposals	lnesper@wisc.edu
Michael Notaro		Nelson Institute Center for Climatic Research	Dynamical downscaling-based projections of Great Lakes' water levels	mnotaro@wisc.edu
John Panuska		Biological Systems Engineering	Tracking Root Zone Soil Moisture using the Wisconsin Irrigation Scheduling Program (WISP 2012)	jcpanuska@wisc.edu
Barbara Peckarsky		Zoology and Entomology	Effects of climate change on stream organisms	peckarsky@wisc.edu
Ken Potter	11:00	Civil & Environmental Engineering	Research in Retirement	kwpotter@wisc.edu
Christy Remucal		Civil & Environmental Engineering	The fate of organic contaminants in natural and engineered aquatic systems	remucal@wisc.edu
Adena Rissman		Forest and Wildlife Ecology	Barriers and opportunities for using science in water quality management	adena.rissman@wisc.edu
Titus Seilheimer		University of Wisconsin Sea Grant Institute	Keeping the Great Lakes Great - Outreach, education, and research in the sustainable use of Wisconsin's fisheries	tseilheimer@aqua.wisc.edu
Janet Silbernagel		Landscape Architecture	Geotools for citizen engagement & spatial literacy in Great Lakes coastal communities	jmsilber@wisc.edu
David Bart		Landscape Architecture	Hydrologic legacies of long-abandoned agriculture lead to persistent inva	dbart@wisc.edu
Emily Stanley		Zoology and Limnology	A rapid tour of the North Temperate Lakes Long-Term Ecological Research Program	ehstanley@wisc.edu
Anita Thompson		Biological Systems Engineering	Erosion and sediment transport dynamics in agricultural watersheds	amthompson2@wisc.edu
Monica Turner		Zoology	Landscape patterns of hydrologic and other ecosystem services in southern Wisconsin	turnermg@wisc.edu
Jake Vander Zanden		Limnology and Zoology	How are our lakes changing, and why does it matter?	mjvanderzand@wisc.edu
Don Waller		Dept of Botany	The other Great Lakes - increasing UW's involvement via the Central Africa Initiative	dmwaller@wisc.edu
Joy Zedler		Botony Dept & UW Arboretum	Total Maximum Daily Load (TMDL): The Myth and Degraded Lakes	jbzedler@wisc.edu
Chin Wu		Civil & Environmental Engineering	Water Cyberinfrastructure	chinwu@engr.wisc.edu
Ankur Desai	11:45	Atmospheric and Oceanic Sciences	Do inland waters play a role in the global climate system?	desai@aos.wisc.edu
BREAK (11:45-12:00)				
PANEL DISCUSSION (12:00-12:45)				