

**Great Lakes Coastal Resilience: A No Adverse Impact Approach**  
**Application of No Adverse Impact in the Coastal Zone**  
**Presentation Titles and Presenter Biographies:**  
**August 19, 2014**

**Master of Ceremonies:**

**David Fowler, CFM. –**

David is a Senior Project Manager for Milwaukee Metropolitan Sewerage District. With a Master of Science in Stream Ecology, Dave has worked as a Fisheries Biologist with the Michigan Department of Natural Resources and later as an Aquatic Biologist for the MMSD where he has been for the past 24 years. He has been active in the District's ongoing efforts toward water quality improvement, watershed management, urban stream rehabilitation and flood management.

**1. Floodplain Management and Legal Issues:**

**Chad Berginnis, CFM. –**

Mr. Berginnis became Executive Director of ASFPM in July of 2012, after joining the Association staff as Associate Director in 2011. Since 2000, he served the Association as Insurance Committee Chair, Mitigation Policy Committees' Coordinator, Vice Chair, and Chair. He has a Bachelor of Science in natural resources from Ohio State University. Since 1993, his work has focused on floodplain management, hazard mitigation, and land use planning at the state, local and private sector level. As a state official, Mr. Berginnis worked in the Ohio Floodplain Management Program and was Ohio's State Hazard Mitigation Officer. As a local official, Mr. Berginnis administered planning, economic development and floodplain management programs in Perry County, Ohio. In the private Sector, Mr. Berginnis was the national Practice Leader in hazard mitigation for Michael Baker Jr. Inc.

**2. No Adverse Impact Overview**

**Alan Lulloff, P.E., CFM. –**

Alan Lulloff is Science Services Program Manager for the Association of State Floodplain Managers (ASFPM) managing research and outreach projects for the association since 2005. In addition to ASFPM's published reports, ASFPM's Science Services program also has developed training materials for one-day workshops on Coastal No Adverse Impact and has conducted ten Coastal No Adverse Workshops over the past three years on the Atlantic Coast and the Gulf of Mexico. Mr. Lulloff previously spent 32 years with the Wisconsin Department of Natural Resources (WDNR) in floodplain and water quality management. Early in his career, he worked in wastewater, water supply and groundwater management with the last 15 years in floodplain management, coastal engineering and dam safety. Mostly recently he was the Floodplain Mapping Coordinator and Coastal Engineer for the WDNR. Mr. Lulloff holds an Environmental Engineering degree from the University of Wisconsin - Milwaukee, is a registered professional engineer in Wisconsin and a Certified Floodplain Manager. Graduate studies have included remote sensing and Geographic Information Systems - Certified ARC/INFO Instructor - ESRI (expired)

**3. Resilient Coastal Communities for the Great Lakes**

**Jim Schwab, AICP. –**

Mr. Schwab joined the American Planning Association in November 1985. Originally the assistant editor of *Planning*, APA's monthly magazine, he joined APA's research department in August 1990. He serves as the co-editor of a monthly publication, *Zoning Practice*. He is the Manager of APA's Hazards Planning Research Center in the Chicago office.

Mr. Schwab is the project manager for "Planning for Post-Disaster Recovery: Next Generation," an ambitious effort funded by the Federal Emergency Management Agency (FEMA) to completely rewrite *Planning for Post-Disaster Recovery and Redevelopment* (1998), which APA produced under a cooperative agreement with FEMA. This new effort includes substantial multimedia web tools including the Recovery News blog. Mr. Schwab was also project manager and general editor for the FEMA-funded APA Planning Advisory Report, *Hazard Mitigation: Integrating Best Practices into Planning*, released in May 2010. He was the general editor and project manager for *Planning for Drought*, a PAS Report

released in January 2014 and produced under a subcontract with the University of Nebraska's National Drought Mitigation Center. Under an APA subcontract with the Association of State Floodplain Managers, he has also been involved in a project providing training and online resources to communities affected by Great Lakes coastal hazards.

Mr. Schwab was the sole author of two PAS Reports in the 1990s, *Industrial Performance Standards for a New Century* and *Planning and Zoning for Concentrated Animal Feeding Operations*. He served as the project manager for a FEMA-supported project in which APA has developed training for planners on the planning provisions of the Disaster Mitigation Act of 2000, and for the Firewise Communities Post-Workshop Assessment. With Stuart Meck, he co-authored the 2005 PAS Report, *Planning for Wildfires*. He was also the principal investigator and primary author of *Tribal Transportation Programs*, produced for the Transportation Research Board. He was the project manager and general editor for the PAS Report, *Planning the Urban Forest: Ecology, Economy, and Community Development*, released in January 2009, and led the subsequent development of a training workshop based on that report, with a matching grant from the U.S. Forest Service. Finally, Mr. Schwab is APA's lead representative for its partnership with NOAA's Digital Coast.

Mr. Schwab has worked overseas several times on hazard-related planning: in the Dominican Republic overseeing site planning training in 2001, in Sri Lanka following the Indian Ocean tsunami, speaking at a disaster recovery conference in Taiwan in 2006, as a Visiting Fellow of the Centre for Advanced Engineering in New Zealand in 2008, and speaking in May 2013 at a European Union conference on cities and climate change in Venice, Italy.

Mr. Schwab is also the author of two books. The first, *Raising Less Corn and More Hell: Midwestern Farmers Speak Out*, was published in 1988 by the University of Illinois Press. It is an oral history of the farm crisis that affected the Midwest during the 1980s. The second, *Deeper Shades of Green: The Rise of Blue-Collar and Minority Environmentalism in America*, was released by Sierra Club Books in the fall of 1994. He is presently developing plans for a new book about the 1993 and 2008 Midwest floods.

#### **4. Wetland Restoration and Land Use Planning in the Mullet Creek Watershed, Sheboygan County, WI**

##### **Laura Flessner –**

Laura Flessner received her undergraduate degree from Virginia Tech and a Master's Degree in Coastal Management and GIS certification from the University of North Carolina Wilmington. She is currently a NOAA Digital Coast Fellow funded by a partnership between the Association of State Floodplain Managers and The Nature Conservancy. She is based in TNC's Seattle office and her work focuses on integrating floodplain and coastal strategies that support disaster risk reduction and adaptation, emphasizing the important role of nature-based and hybrid solutions.

##### **John Nelson –**

John Nelson is employed by The Nature Conservancy, acting as the Project Manager on the Sheboygan River Buffer Initiative. He began working for The Conservancy in June 2011 after retiring from the Wisconsin Department of Natural Resources. There he served for 30 years as a Senior Fisheries Biologist and Regional Fisheries Operation Supervisor.

As Project Manager with The Conservancy, John is testing the strategy of "targeting" specific fields in a small HUC 12 watershed with the greatest potential for phosphorus and soil loss. The SNAP-Plus model, developed by the UW Soil Sciences Department, was used to identify those fields. John and partner agency staff then worked with farmers to incorporate farming practice changes which were expected to control those losses.

John expanded the project to an adjacent HUC 12 watershed in an effort to measure the potential for a local sewage treatment plant to purchase phosphorus credits in that watershed. SNAP-Plus is the tool being used to measure that potential.

##### **Katherine Kahl, PhD. –**

Katie works with staff in Michigan and the Great Lakes to build partnerships and design strategies that implement long term conservation and policy objectives and on-the-ground conservation action. Her current work focuses on managing the Western Lake Erie Coastal Conservation Vision project, engaging conservation, business and community interests

from the US and Canada along a 150-mile stretch of Lake Erie coast (through Ontario, Michigan and Ohio) to map places in which local conservation efforts could optimize regional benefits for people and nature.

Prior to joining The Nature Conservancy in 2011, Katie was the Director of Conservation and Policy Research at Heart of the Lakes Center for Land Conservation Policy, a statewide policy advocate for Michigan's 30 regional land conservancies. She has also managed a 7-county green infrastructure project for West Michigan Strategic Alliance, connecting local units of government, business and conservation interests who share common, regional land use priorities. Katie earned her doctorate and master's degrees from Michigan State University's Department of Fisheries & Wildlife, with an emphasis in landscape ecology. She is based in Lansing, Michigan.

## **5. The Diverse Range of Legal and Policy Issues for State Coastal Zone Managers**

### **Bradley Watson, J.D. –**

Bradley Watson is CSO's Legal Counsel and Director of Coastal Resilience and also staffs the Beach and Inlet Management Work Group, the Coastal NPS Work Group, and the Adaptation Work Group. Spanning parts or all of four Congresses, Bradley worked for the Committee on Transportation and Infrastructure under the late Chairman James L. Oberstar, as a member of the investigations team for the Senate Armed Services Committee under Senator Carl Levin, and as a senior legislative staffer for Congresswoman Eddie Bernice Johnson. Bradley is a graduate Tulane University in New Orleans, LA, and the evening program at the Columbus School of Law at the Catholic University of America.

### **Michael Friis –**

Mike Friis serves as the Program Manager for the Wisconsin Coastal Management Program, at Wisconsin's Department of Administration. Mr. Friis earned his BS in landscape architecture from the University of Wisconsin Madison in 1989. Before joining the Wisconsin Coastal Management Program, Mike spent time in the Peace Corps, and in various positions within Wisconsin State and Local Government Agencies.

## **6. Planning and Policy Making for Coastal Resilience: the County Perspective**

### **Jen Horton –**

Jen serves as Program Manager for community and economic development at NACo. Before joining NACo, Jen served as a Planning and Policy Fellow at EPA's Office of Sustainable Communities, where she managed technical assistance programs for local governments and communities related to land use, smart growth and economic development. Prior to joining EPA, Jen worked for the Washtenaw County Economic Development and Energy Office supporting the countywide brownfield redevelopment program. Jen earned a Master of Urban and Regional Planning and a Master of Science in Natural Resources and Environment from the University of Michigan.

## **7. Drawing Lines in Law Books and on Sandy Beaches**

### **Richard Norton, PhD. J.D –**

Richard K. Norton is Associate Professor and Program Chair of the Urban and Regional Planning Program at the University of Michigan. He teaches and conducts research in the areas of planning law, land use and environmental planning, coastal area management, and sustainable development. He also contributes actively to the Michigan Association of Planning (MAP) by serving on its planning law committee. Through those efforts he has taken the lead in preparing draft legislation for the Michigan Legislature to reform the state's planning and zoning enabling laws, including reforms adopted by the Legislature in 2006 and 2008. He has also written amicus curiae appellate briefs to the Michigan Court of Appeals and the Michigan Supreme Court on behalf of the American Planning Association and MAP regarding planning and zoning disputes in the state. He earned his Ph.D. in city and regional planning and his J.D. at the University of North Carolina at Chapel Hill. He also holds master degrees in public policy studies and environmental management from Duke University. Prior to completing his graduate studies, he worked in professional practice as a consulting environmental policy analyst and planner in Washington, D.C., and San Francisco, California.

## **8. Developing a No Build Zoning Ordinance, St. Joseph, MI**

### **John Hodgson, CFM.–**

John Hodgson is the Community Development Director for the City of St. Joseph, Michigan. In 1989 he earned his degree from Harvard University. John has more than 20 years of experience in his current position, where he provides critical oversight and guidance to the development of the city of St. Joseph.

**Michael Morphey P.E., LEED AP. –**

Mike Morphey is a Project Manager at Edgewater Resources, LLC, in St. Joseph, Michigan, where he manages marine and coastal projects. Mike earned a B.A. in Civil Engineering from Michigan State University in 2002 and spent eight years at an engineering consulting firm in Chicago before beginning his current role in 2010. He is responsible for the planning, permitting, design, and construction of waterfront projects throughout the Midwest, Great Lakes, and abroad.