



Sustaining Our Water Resources Through Collaboration

Summit Connecting Water Leaders Across Watersheds

April 13, 2010

Washington, DC

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We are excited to have convened such a select group of senior-level representatives from a variety of public, non-profit, and private sector water organizations. The discussion today will highlight case studies of collaborative work at different scales for a number of systems including the Mississippi River and the Chesapeake Bay. Federal policy-shapers will expand on this discussion with an examination of how the public sector can build a successful culture of collaboration through federal programs.

The Summit is an open dialogue about the role of collaboration in using successful water resource approaches for sustainable outcomes. Considerable effort and resources have been devoted to our nation's most critical water issues in significant water bodies, such as the Great Lakes, the Mississippi River, the Everglades, the Chesapeake Bay, and the Gulf of Mexico. The challenges facing federal, state, and local governments are staggering: infrastructure backlogs, nutrient loading and degraded water quality, stormwater runoff, loss of habitat and open space, droughts, and localized water shortages. There is little disagreement that we need sustainable solutions.

Through The Horinko Group's work with local waterside communities, we have witnessed success built upon shared visions, effective outreach that builds water awareness, and values-based collaboration. Action-oriented visionaries or "pathfinders" are mainstreaming the water narrative, building critical relationships and a readiness to use broader and more integrated approaches, and applying targeted communications to build broad grassroots support and the expectation for achievable and measureable results.

With help from a number of these partner groups, we are in the process of compiling lessons learned, identifying a variety of water pathfinders, examining replicable models, and providing pragmatic transferable insights about how to build social capital to make partnerships effective and better leverage results toward watershed-scale approaches.

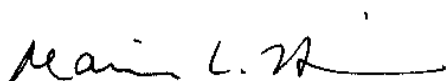
Following the Summit, information including a summary report of the meeting proceedings, as well as announcements of our upcoming water salons, collaborative success stories, and other information of interest, will be made available by accessing our Water Division website at:

www.water.thehorinkogroup.org

On behalf of The Horinko Group, our Water Division, our partners, and our clients –

To all speakers, panelists, and attendees –

Thank you!



Marianne L. Horinko
President, The Horinko Group

ATTENDING ORGANIZATIONS

America's Waterway	River Network
American Land Conservancy	Sand County Foundation
American Rivers	State of Louisiana, Office of Coastal Protection and Restoration
American Water Resource Association	Susquehanna River Basin Commission
Association of Public and Land-Grant Universities	The Cadmus Group
Association of State Floodplain Managers	The Conservation Fund
Association of State Drinking Water Administrators	The Dow Chemical Company
Barnes & Thornburg LLP	The Environmental Council of the States
Brookfield Renewable Power	The Horinko Group
Biodiversity Project (1 Mississippi)	The Nature Conservancy
Chesapeake Bay Fund	The Shimoda Group
Clean Water Alliance	The Wetlands Initiative
Clean Water Network	U of Illinois at Urbana-Champaign
Congressional Research Office	U of Maryland
Environmental Defense Fund	United Water
FMC Corporation	U.S. Army Corps of Engineers – HQ; St. Louis District; Rock Island District; South Pacific Division; Institute for Water Resources; Engineer Research and Development Center; Cooperative Ecosystem Studies Units
General Electric	U.S. Department of Agriculture
Georgia-Pacific	U.S. Department of Homeland Security – FEMA
Interstate Commission on the Potomac River Basin	U.S. Department of the Army
Koch Industries, Inc.	U.S. Department of the Navy
Lewis & Clark Community College	U.S. Environmental Protection Agency – HQ; Regions 3, 5, 7
Maryland Department of the Environment	U.S. Senator Ben Cardin's Office
National Association of Clean Water Agencies	U.S. Forest Service
National Association of Water Companies	U.S. Geological Survey
National Audubon Society	Water Policy Institute
National Great Rivers Research and Education Center	Waterkeeper Alliance
National Water Resources Association	Wildlife Habitat Council
National Wildlife Federation	World Resources Institute
Natural Resources Conservation Center – National Water Management Center	
Natural Resources Defense Council	
Northeast-Midwest Institute	
River Management Society	



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Registration **12:00 – 12:45pm**

Welcome, Objectives, Introductions **1:00 – 1:05pm**

Master Facilitator

Marianne L. Horinko, President, The Horinko Group

Opening Remarks **1:05 – 1:30pm**

Terrence (Rock) Salt, Principal Deputy Assistant Secretary of the Army (Civil Works), U.S. Army Corps of Engineers

Peter Silva, Assistant Administrator, Office of Water, U.S. Environmental Protection Agency

Keynote Address – *Public-Private Partnerships: The Good, the Bad, and the Untested* **1:30 – 2:00pm**

Speaker

G. Tracy Mehan III, Principal, The Cadmus Group

Panel One – *Meeting the President’s Chesapeake Bay Protection and Restoration Executive Order* **2:00 – 3:00pm**

Moderator

Alex Beehler

Former Acting Under Secretary, Installations & Environment, U.S. Department of Defense

Panelists

Charles J. (Chuck) Fox

Senior Advisor to the Chesapeake Bay Program, U.S. EPA

Ann Mills
Deputy Under Secretary for Natural Resources and Environment, U.S. Department of
Agriculture

Donald Schregardus
Deputy Assistant Secretary, Environment, U.S. Department of the Navy

Dan Nees, Director, Chesapeake Bay Fund

Break **3:00 – 3:15pm**

**Panel Two – *The Mississippi River: The Systems Approach; A Grassroots
Perspective*** **3:15 – 4:15pm**

Moderator
Patrick McGinnis, Water Resources Team Leader, The Horinko Group

Panelists
Dr. Dale Chapman, Chairman, The National Great Rivers Research and Education Center

Dr. Richard Warner, Director, Office of Sustainability, University of Illinois at Urbana-
Champaign

Dan Whyte, Vice President, Government and Stakeholder Relations, Brookfield Renewable
Power

Anne Lewis, Founder, America's Waterway

**Panel Three – *The Challenge of Implementing Integrated Water Resources
Management in the Federal Sector*** **4:15 – 5:15pm**

Moderator
Dr. Joe Manous, Future Directions, Institute for Water Resources, U.S. Army Corps of
Engineers

Panelists
Bob Pietrowsky, Director, Institute for Water Resources, U.S. Army Corps of Engineers

Dr. Gerald Galloway, Professor, University of Maryland

Mike Grimm, Deputy Director, Risk Reduction Division, Mitigation Directorate, Federal
Emergency Management Agency

The Path Forward **5:15 – 5:30pm**

Master Facilitator
Marianne Horinko, President, The Horinko Group

Reception **5:30 – 7:00pm**

PANEL NARRATIVES
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**EXECUTIVE BIOGRAPHIES**

**Master Facilitator and Host**

**Marianne L. Horinko** is the President of The Horinko Group. Ms. Horinko's expertise is in watershed-based approaches to cleanup and revitalization, corporate sustainability, and collaborative solutions to environmental progress through unique public-private partnerships and innovative use of environmental management system concepts. Prior to founding The Horinko Group, she served as Assistant Administrator for the Office of Solid Waste and Emergency Response (OSWER) at the U.S. Environmental Protection Agency from 2001 to 2004, and Acting EPA Administrator in 2003 between Administrators Christine Todd Whitman and Michael O. Leavitt.

Following the events of September 11, Ms. Horinko served at EPA assisting in environmental cleanup activities at Ground Zero in lower Manhattan, the Pentagon in Washington, D.C., and the U.S. Capitol due to anthrax contamination. In 2003, she oversaw EPA's response to the Columbia Space Shuttle Disaster. As a result of these experiences, she crafted the groundbreaking National Approach to Response. She brought new approaches to environmental protection using partnerships, flexibility, and innovation to create environmental improvement. The Brownfields program, signed into law by President Bush in 2002, is the embodiment of these new approaches. Under her leadership, the budget for the Brownfields program more than doubled.

During the first Bush Administration, Ms. Horinko was Attorney Advisor to Mr. Don Clay, EPA's Assistant Administrator for OSWER. Subsequently, she served as President of Clay Associates, Inc., a national environmental policy consulting firm, where she launched the RCRA Policy Forum. Ms. Horinko is an alumna of the University of Maryland, College Park and Georgetown University Law School.

**Opening Remarks**

*Overview*

Terrence (Rock) Salt, Principal Deputy Assistant Secretary of the Army (Civil Works) and Peter Silva, Assistant Administrator for Water at the U.S. Environmental Protection Agency will provide opening remarks focusing on the critical role of collaboration in fulfilling the priorities of their respective agencies.

**Terrence C. (Rock) Salt** assumed duties as the Principal Deputy Assistant Secretary of the Army (Civil Works) on March 12th, 2009. He is the principal policy and legislative advisor to the Assistant Secretary of the Army (Civil Works) and assists the Assistant Secretary in providing policy and performance oversight for the Army Corps of Engineers Civil Works directorate. He also serves as the Deputy Assistant Secretary for Policy and Legislation. In both these capacities Mr. Salt provides direction for the Army Civil Works legislative program, the development and articulation of the Department of the Army's policies affecting Civil Works activities and is responsible for the coordination of the Army's policies and practices in support of the Clean Water Act, the Rivers and Harbors Act and the related regulatory programs.

Prior to this assignment, Mr. Salt served as the Director of Everglades Restoration Initiatives

for the Department of the Interior, reporting to the Deputy Secretary of the Interior. As Director of Everglades Restoration Initiatives, Mr. Salt was responsible for assisting in the development and implementation of administration policies supporting various Everglades restoration programs, including the Department of the Interior's participation in the Comprehensive Everglades Restoration Plan, which was authorized by Congress in the Water Resource Development Act of 2000. Mr. Salt was responsible for coordinating the work of all Interior agencies involved in the Everglades restoration effort.

Mr. Salt graduated from the United States Military Academy at West Point and was commissioned as a second lieutenant in the U.S. Army in June 1966. He is a graduate of the Army's Airborne and Ranger Schools, the Army Command and General Staff College, and the National War College. He received a Master of Science degree in physics from the University of Colorado in 1972. He retired from the Army on July 1, 1996 and continued as Executive Director of the South Florida Ecosystem Restoration Task Force as a senior executive with the Department of the Interior. Subsequently, he became the Director of the Everglades Restoration Initiatives.

**Peter S. Silva** was appointed by President Obama to serve as Assistant Administrator for Water at the U.S. Environmental Protection Agency. He started in this position on July 27, 2009, after having been confirmed by the U.S. Senate.

Mr. Silva has over 32 years of public sector experience in the water and wastewater fields, with extensive knowledge of U.S.-Mexico border issues. Prior to joining EPA, he was a Senior Policy Advisor on lower Colorado River issues for the Metropolitan Water District of Southern California. Before that, he served for six years as the Vice-Chair of the California Water Resources Control Board, having been appointed by both Governors Davis and Schwarzenegger. Preceding this, Mr. Silva was the Deputy General Manager of the Border Environment Cooperation Commission housed in Juarez, Mexico. His other experience includes ten years with the City of San Diego (both Clean Water Program and Water Utilities Department), four years in charge of the San Diego office of the International Boundary and Water Commission and five years for the California Regional Water Quality Control Boards in Los Angeles and San Diego.

Mr. Silva has a B.S. in Civil Engineering from California State Polytechnic University, Pomona and is a Registered Civil Engineer in California.

### **Keynote Address**

#### **Public and Private Partnerships: The Good, the Bad, and the Untested**

##### *Overview*

Tracy Mehan of The Cadmus Group will provide an overview of common challenges facing organizations engaging in public and private partnering, while highlighting key questions that are often times not asked and issues that emanate when attempting to address them.

**G. Tracy Mehan, III** is a Principal with The Cadmus Group, an environmental consulting firm, since 2004. Mr. Mehan served as Assistant Administrator for Water at the U.S. Environmental Protection Agency from 2001-2003. He served as Environmental Stewardship Counselor to the 2004 G-8 Summit Planning Organization (2004). Mr. Mehan also served as director of the Michigan Office of the Great Lakes (1993-2001) and as Associate Deputy Administrator of EPA in 1992. He served as director of the Missouri Department of Natural Resources from 1989 to 1992.

Presently, Mr. Mehan serves on the Water Science and Technology Board and the Committee on the Mississippi River and the Clean Water Act for the National Research Council of the National Academies. He has also served as an independent expert judge for the Municipal Water Conservation Achievement Award Program (2006) sponsored by The U.S. Conference of Mayors and its Urban Water Council.

Mr. Mehan is a former board member for the Great Lakes Protection Fund and a current board member for the Great Lakes Observing System. Mr. Mehan is a graduate of Saint Louis University and its School of Law.

### **Panel One**

### **Meeting the President's Chesapeake Bay Protection and Restoration Executive Order**

#### **Overview**

Panel One, "Meeting the President's Chesapeake Bay Protection and Restoration Executive Order," will examine the challenges to, and opportunities in, restoring one of the nation's most unique watersheds leading to President Obama's May 2009 Executive Order. Encompassing territories of six states and the District of Columbia, populated by 17 million people, with a wide variety of commerce causing significant ecological consequences, restoring the Bay requires engagement of many moving parts of collaboration. Summit participants will hear from senior federal officials on how the Executive Order will facilitate that collaborative engagement, how the farming community will have an enhanced role, and how the government's most active agency operationally in the watershed – the military – is taking measures as environmental stewards in collaboration with those communities adjacent to the fence line. In addition, Summit participants will learn of new market-based initiatives to assist further restoration efforts involving broad-based collaboration.

#### **Moderator**

**Alex A. Beehler** recently left the U.S. Department of Defense after serving five years as Assistant Deputy to the Deputy Under Secretary for Environment, Safety & Occupational Health. During the last fourteen months of that period, he simultaneously served as Principal Deputy to the Deputy Under Secretary for Installations and Environment and became the Department's first Chief Sustainability Officer. He also served several months as Acting Deputy Under Secretary. In these capacities, he served as principal advisor to the Secretary of Defense responsible for all aspects of the Defense Environmental Program, including environmental cleanup, regulatory compliance, pollution prevention, environmental management systems implementation, and natural resource management worldwide. In addition, as Chief Sustainability Officer, Mr. Beehler guided the Department's implementation of the President's 2007 Executive Order on energy, environment, and transportation.

Prior to joining the Department of Defense, Mr. Beehler served as Vice President for Charles G. Koch Charitable Foundation and Director, Environmental and Regulatory Affairs, for Koch Industries, composed of over 250 companies in diverse businesses and purportedly the nation's largest private corporation. For the Foundation, Mr. Beehler devised and implemented a market-based, results-oriented grant-making strategy, engaging partners from varying perspectives. For Koch Industries, he led initiatives to integrate best management practices across business lines.

Mr. Beehler has particular interests in integrating environmental and energy considerations in best management practices and research funding programs in both government and business. He is also interested in engaging integrated best management practices, using

market-based approaches and creating strong public-private partnerships to restore the Chesapeake Bay Watershed.

*Panelists*

**J. Charles (Chuck) Fox** is a Senior Advisor to the Administrator of the U.S. Environmental Protection Agency, focused on Chesapeake Bay and the Anacostia River.

Before joining the Environmental Protection Agency in March 2009, he served as a Senior Officer with The Pew Charitable Trusts, managing its international marine conservation programs. Mr. Fox also served as the Secretary of the Maryland Department of Natural Resources and the Assistant Administrator for Water at EPA. He worked for a number of nonprofit environmental organizations including the Chesapeake Bay Foundation, Friends of the Earth, American Rivers and the Environmental Policy Institute. He is the former Chairman of the Board of the Maryland League of Conservation Voters and a graduate of the University of Wisconsin.

**Ann Mills** is Deputy Undersecretary for Natural Resources and Environment at the U.S. Department of Agriculture. Ms. Mills has responsibility for the Natural Resources Conservation Service (NRCS), the federal agency with primary responsibility for working with private landowners to conserve, maintain and improve their natural resources. The NRE mission area includes NRCS and the U.S. Forest Service.

Ms. Mills brings to this position 20 years of policy and management experience with government and nonprofit conservation advocacy. Most recently, as a senior executive at American Rivers, she led the implementation of programs to develop sustainable solutions for flood and drought mitigation and water quality improvement across the country including urban and rural watersheds in Northern California's Sierras and Bay Delta; the Columbia, Missouri and Mississippi river basins; the Great Lakes; and the Chesapeake Bay.

Ms. Mills also served as a senior staff person for Senate Democratic Leader Tom Daschle, chief of staff to California Lt. Governor Leo McCarthy and legislative assistant to then-Congressman Richard Durbin and Congressman James McClure Clarke. She holds a Masters Degree from the Lyndon B. Johnson School of Public Affairs at The University of Texas at Austin, and a B.A. in Political Science from Tufts University.

**Donald R. Schregardus** served as Deputy Assistant Secretary of the Navy (Environment) from November 2001-July 2009 and was reappointed in December 2009. Mr. Schregardus reports to the Assistant Secretary of the Navy (Installations and Environment) and is the principal policy advisor on environmental programs, including conservation of natural and cultural resources, compliance with environmental laws and regulations, cleanup of contaminated sites, and programs for pollution prevention. He also represents the Department of the Navy on several federal environmental boards and committees and coordinates for the Department of Defense Clean Air Act and Clean Water Act issues of importance to the services.

Mr. Schregardus began his career with Argonne National Laboratory before joining the U.S. Environmental Protection Agency Region 5 in 1974. He became the EPA Region 5 water quality modeling expert and subsequently the Chief of the Compliance Section for the Water Division in Region 5. In 1991, Governor George V. Voinovich appointed Mr. Schregardus Director of the Ohio Environmental Protection Agency. As Director, he developed an award-winning voluntary pollution prevention program, substantially expanded public involvement in environmental policy and regulation, improved the scientific basis for environmental

decision-making, convinced the General Assembly to double the Agency's budget, and developed an innovative privatized program to clean up contaminated industrial properties.

Mr. Schregardus received a Bachelors of Science degree in Physics in 1972 and a Masters of Environmental Sciences degree in 1974 from Miami University, Oxford Ohio.

**Dan Nees** is the Director of the Chesapeake Fund program at Forest Trends. The Chesapeake Fund is an innovative program to establish a voluntary water quality market within the Chesapeake Bay watershed.

Mr. Nees came to Forest Trends from the World Resources Institute (WRI), where he directed its water quality programs. Prior to WRI, he served as the Director of University of Maryland's Environmental Finance Center for six years. During that time, he assisted communities throughout the Chesapeake Bay watershed and the Mid-Atlantic region in their efforts to implement and finance environmental and sustainable development initiatives. Additional experience includes serving as Project Manager of Corporate Programs at The Nature Conservancy and Manager of Alternative Marketing at U.S. News and World Report.

Mr. Nees holds a B.A. in Economics, a Master of Environmental Policy, and a Master of Business Administration, all from the University of Maryland, College Park.

## **Panel Two**

### **The Mississippi River: The Systems Approach; A Grassroots Perspective**

#### **Overview**

Panel Two, "Mississippi River: The Systems Approach; a Grassroots Perspective" will follow one riverside community's journey to reconnect with its water heritage. Panelists will reveal defining moments and key elements of a community's collaborative success. Shared experience becomes the deciding factor as key community institutions realize important lessons about collaboration and set their sights on addressing complex challenges in a systemic way. Partnering becomes less of a negotiated transaction and more about shaping lasting transformative relationships. Summit participants will hear how and when community leaders moved from being reactionary, to opportunistic, and on to strategic as they seek their place and role in a systems approach to the River. The panel will touch on alignment among stakeholders, the importance of a shared vision for building a water future for their community, and their realization of the importance of sustaining the river's natural capital for renewable use and more livable communities. Thoughtful observations will be offered; shedding important light on collaboration and what makes it work. Announcements regarding exciting upcoming water milestones for the community are promised.

#### **Moderator**

**Patrick S. McGinnis** has served as a passionate advocate for practical and sustainable solutions to water resource management challenges over his thirty-year career. Mr. McGinnis' experience and interest focuses on a broad range of economic opportunities for livable community design, strategic planning and facilitation, public/private sector interaction and consensus building. He currently serves The Horinko Group's Midwest regional clients as the Water Resource Team Leader for the Great Lakes and Mississippi River Systems.

Prior to joining The Horinko Group in 2009, Mr. McGinnis worked as a field biologist and public lands administrator with the U.S. Army Corps of Engineers. He has extensive experience specializing in natural resource management, large river ecology, environmental stewardship of federal public lands, wetland regulatory delineation, and private-public

partnering. For the past twenty years, he has led an effort to build a sustainable systems presence on an open space footprint of 110,000 acres of public lands and water critically situated at the confluence of the Upper Mississippi and Lower Illinois Rivers. With his emphasis on visible, reproducible results, he has provided oversight for a broad range of programs earning grass roots support.

He currently serves on the board of the St. Louis Confluence Riverkeepers and the Meeting of the Rivers Foundation, and is on the planning committee for the Meeting of the Great Rivers National Scenic Byway and the marketing committee for the Audubon Center at Riverlands.

### Panelists

**Dr. Dale T. Chapman** is Chair of the National Great Rivers Research and Education Center (NGRREC). Since NGRREC's creation, Dr. Chapman has been actively working to advance our knowledge of the environmental issues concerning the Mississippi River and other great rivers throughout the world. The center has supported or led environmental river research projects ranging from the renewal of large floodplain rivers to the relationship between rivers and rural revitalization.

Since 1992, Dr. Chapman has also served as President of Lewis & Clark Community College (LCCC). LCCC is a comprehensive community college enrolling 25,571 total credit and non-credit students annually with an annual operating and capital budget in excess of \$70M. Prior to LCCC, Dr. Chapman's professional career included graduate and administrative positions with the College Board; the American Council on Education; Education Commission of the States; Harvard University; Suomi College; Kentucky Council on Higher Education; University of Kentucky; and Jefferson Community College. His organizational affiliations have included among others the following: Board Chair, Growth Association of Southwestern Illinois; Campaign Chair, Illinois United Way of Greater St. Louis; President, Lewis and Clark Community College Foundation; Board Chair, U. S. Army Corps of Engineers Meeting of the Rivers Foundation; Signature Garden Committee, Missouri Botanical Garden; Board Member, Salvation Army; Board of Directors, Agraria; Southwest Illinois Advanced Manufacturing Center.

Dr. Chapman received his Doctorate in Administration, Planning and Social Policy from Harvard University. He earned a Masters Degree from Michigan State University and his undergraduate degree from the University of Kentucky.

**Dr. Richard E. Warner** is Director of the Office of Sustainability at the University of Illinois at Urbana-Champaign. Professor Warner is also the Director of the Illinois Water Resources Center, part of the National Institutes for Water Resources. He has led a number of campus-level initiatives and programs, including serving as Director of Illinois-Indiana Sea Grant College Program.

Professor Warner's current research centers on sustainable natural resources management in urban and agricultural settings, as well as the integration of multiple natural resource objectives in agricultural policies and programs. In addition, he continues to be closely involved with the development of information technologies for economic development and regional food systems and how humans perceive conservation programs, including educational delivery systems.

Professor Warner received his B.S. in Fish and Wildlife Biology from Iowa State University, M.S. in Ecology from University of Illinois, and Ph.D. in Interdisciplinary Environmental Studies from the University of Illinois.

**Daniel Whyte** is Vice President of Brookfield Renewable Power, Inc., responsible for regulatory, governmental and stakeholder relations, permitting and real property tax. Prior to his current assignment, he served as Vice President of Settlement and Vice President of Structured Transactions.

With more than 25 years experience in the energy sector, he has worked throughout North America and Central Europe. He has held senior positions at the Pacific Gas and Electric Corporation and the Long Island Lighting Company.

Mr. Whyte serves as a member of the Advisory Council of the Independent Electric System Operator of the Province of Ontario, and as a Director of the Northeast Power Coordinating Council, the electric reliability organization for New York, New England, Ontario and Quebec. He is an alumnus of Immaculate Conception College and the Graduate Center for Urban and Environmental Studies at Rensselaer Polytechnic Institute. He is currently enrolled at Harvard University in its Executive Education Corporate Governance program.

**Anne Lewis** is the founder of America's Waterway, a new and aspiring nonprofit formed to create an interactive community to unify the Mississippi River to build whole-River approaches to its character, condition and future. To launch America's Waterway, Ms. Lewis met with leaders in Mississippi River communities and in government to gauge their value for and associations with the River. She worked with these groups and The River Network to raise awareness of civic engagement and collaboration on behalf of the Mississippi River. More recently, she has tapped into social networking and other communication strategies to initiate a dialogue about the future of the Mississippi River. She is partnering with *AmericaSpeaks* to provide the technical platform to engage Mississippi River residents from all walks of life and areas of expertise to build a Mississippi River constituency that will sustain itself via the Internet.

Before starting America's Waterway, Anne worked in the marketing communication and public relations fields, in Minnesota, New York and most recently in Maryland. For the majority of her communications career she has led strategic communication planning engagements for corporations, nonprofits and private foundations. At the same time, she has served as a volunteer leader for numerous nonprofit organizations. She began her career in communications via the political process, serving in state political party office while teaching political organizing in low-income neighborhoods and schools.

Ms. Lewis has a Bachelor's Degree in political science from Macalester College in St. Paul, MN and a Master's Degree in communication from Rensselaer Polytechnic Institute in Troy, NY. She is accredited by the Public Relations Society of America. She currently serves on the University of Maryland School of Social Work Board of Advisors and the National Aquarium in Baltimore's Marketing Advisory Committee.

### **Panel Three**

### **The Challenge of Implementing Integrated Water Resources Management in the Federal Sector**

#### **Overview**

Panel Three, "The Challenge of Implementing Integrated Water Resources Management in the Federal Sector," will focus on a variety of federal agencies associated with water resources that are participating in a level of collaboration unprecedented in the last century. The motivations for this increased cooperation are many, but highlight a new awareness by agency leadership that collaboration is a positive step for their organizations and the United

States. Federal agencies now view collaborative efforts that include environmental, social, economic, and political considerations as essential components for initiatives that successfully move forward key water resources issues – especially during periods of reduced government funding and as the demands for and risks from the nation’s water resources increase. This panel draws from the experiences of senior water resources professionals intimately involved in these challenges and provides an opportunity for discussion of the benefits and challenges posed by increased federal, state, and local government collaboration across the range of physical and social considerations that can lead to a new direction for water resources activities in the United States.

*Moderator*

**Dr. Joe D. Manous** (Moderator) serves as the Future Directions Team Leader for the Institute for Water Resources, U.S. Army Corps of Engineers, but has been on detail to the Office of the Secretary of the Army for Civil Works since April 2009. Dr. Manous is a civil engineer specializing in the areas of water resources and environmental security issues associated with water. He recently served as an Academy Professor at the United States Military Academy at West Point from 2000 through 2008, where he taught courses in environmental engineering, water resources, and environmental security. He retired from active duty in the grade of Colonel in 2008 with 28+ years of service in the U.S. Army Corps of Engineers.

Dr. Manous has been actively involved with the "professional" aspects of the engineering profession for almost 20 years particularly through his involvement with the American Society of Civil Engineers where he chaired the ASCE Committee on Professional Practice, Post-Hurricane Katrina Critical Infrastructure Guidance Task Force, and Paraprofessional Task Committee.

Dr. Manous is a graduate of the Georgia Institute of Technology (BCE, Civil Engineering), North Georgia College (BS, Physics), University of Illinois (MS, Civil Engineering), U.S. Army War College (Masters of Strategic Studies), and University of Minnesota (PhD, Environmental Engineering). He is active in several professional engineering organizations to include ASCE, Society of American Military Engineers, National Society of Professional Engineers, National Institute for Engineering Ethics, Order of the Engineer, and the Army Engineer Association. He is a registered Professional Engineer in the Commonwealth of Virginia.

*Panelists*

**Robert A. Pietrowsky** has served as Director of the U.S. Army Corps of Engineers’ Institute for Water Resources since January 2000. As Director, he oversees a \$50 million annual program of Civil Works policy development, research and tech transfer programs in applied planning, hydrologic engineering and investment decision-making methodologies, along with management of the Nation’s navigation data and CW statistical information programs.

Mr. Pietrowsky’s began his career with New York District as a planning practitioner on river basin studies, and later, as Chief of District planning-engineering offices, directed water resources development efforts for northern New Jersey/southern New York with oversight of an annual \$17 million GI planning-engineering program for a \$3 billion construction program. In this latter role, he pioneered the implementation of basin-wide flood preparedness systems, the preservation of wetlands as natural flood storage, and floodplain evacuation in combination with structural flood protection. Previously at the Institute, he served as Chief, Navigation Analysis Division, and earlier as Director of the \$5 million Federal Infrastructure Strategy Program, an intergovernmental effort that manifested

integrated infrastructure policies across federal agencies, including an Executive Order on Benefit-Cost Analysis signed by the President.

Mr. Pietrowsky serves on the U.S. National Committee for UNESCO's International Hydrological Programme, and since 2004 has represented the USG on multiple delegations to IHP meetings overseas. He also currently serves on the Governing Board of the UNESCO Institute for Water Education and on the U.S.-Canada Permanent Engineering Board for the Columbia River Treaty. He is a multiple past-Chair of the American Society of Civil Engineers Waterways Committee and a member of ASCE's Coasts, Oceans, Ports and Rivers Institute. He also has served consecutive terms on the National Research Council's Transportation Research Board Committee on Ports and Channels. Mr. Pietrowsky received a B.S. in Engineering from the State University of New York at Stony Brook, and a M.S. in Civil Engineering with dual specialties in Water Resources Engineering and Environmental Planning from the Polytechnic Institute of New York.

**Dr. Gerald E. Galloway, Jr.** is a Glenn L. Martin Institute Professor of Engineering and an affiliate professor of Public Policy at the University of Maryland, College Park. A civil engineer, public administrator and geographer, he has served as a water resources and flood mitigation consultant to a variety of national and international government and business organizations, is a member of the Louisiana Governor's Advisory Commission on Coastal Protection, Restoration and Conservation, and recently chaired an Interagency National Levee Policy Review Team for FEMA and an independent review panel examining flood challenges in California's Central Valley. He was a principal investigator for FEMA in the 2006 study of the adequacy of the National Flood Insurance Program's 1% flood standard. He has been a presidential appointee to the Mississippi River Commission and the American Heritage Rivers Advisory Committee.

In 1994, he was assigned to the White House to lead a committee in assessing the causes of the 1993 Mississippi River Flood. During a 38-year career in the military he served in various command and staff assignments in Germany, Southeast Asia and the United States, retiring in 1995 as a brigadier general. He is a member of the National Academy of Engineering and a fellow of the National Academy of Public Administration.

Dr. Galloway is a graduate of the US Military Academy and holds Masters from Princeton and Penn State, and a doctorate from the University of North Carolina.

**Michael Grimm** is the Deputy Director for the Risk Reduction Division and serves as national deputy program manager for the Federal Emergency Management Agency (FEMA) in three broad areas – Hazard Mitigation Assistance (HMA), Floodplain Management, and Building Sciences. Mr. Grimm provides national direction and oversight, technical assistance and tools, and grant funds to states, tribes and local communities for taking actions to reduce risk and vulnerability to future disaster events.

Currently, Mr. Grimm is leading a multi-year initiative to unify FEMA's five HMA grant programs to streamline program delivery; ensure more effective and efficient customer service, and achieve timelier obligation of funds and implementation of projects in order to reduce the nation's losses during natural disaster events. Mr. Grimm is also responsible for the Floodplain Management Program and Community Rating System under the National Flood Insurance Program, the National Earthquake Hazards Reduction Program, and FEMA's Building Science Programs. Risk Reduction programs have a combined annual budget of nearly \$500 million, with a national portfolio of greater than \$3 billion in grants pending award and projects underway.

Prior to serving as Deputy Director, Mr. Grimm has held a variety of positions in the Mitigation Directorate including Chief of the Community Assistance Section and Hydraulic Engineer in the Hazard Identification Section. Prior to joining FEMA in 1997, Mr. Grimm worked in both local and State government positions including Manager of the City of Fort Collins, CO Floodplain Management Program and as Hydrologist with the State of Wyoming, Department of Environmental Quality. Mr. Grimm has also worked for the United States Geological Survey, National Research Program in Denver, CO on the Paleohydrology and Climate Change project.

### **Summit Organizing Committee**

**Brendan P. McGinnis** is the Water Division Chief and Managing Partner of The Horinko Group. In this role, he provides coordination and management, performance measurement, and technical implementation support for a variety of collaborative water efforts, including the National Great Rivers Research and Education Center and the Lower Passaic River Restoration Project. He is also a founding member of the newly created Water Resources Action Project promoting innovative sustainable solutions to the water crisis in the Middle East.

Mr. McGinnis has worked along side Ms. Horinko since the completion of his Masters of Business Administration from Southern Illinois University in 2005.

**Dr. Donna B. Ayres** has been a water resources consultant since retiring from the U.S. Army Corps of Engineers in 2006. In addition to being a Sr. Advisor to The Horinko Group's Water Division, she is currently completing a comprehensive study of water resources planning in the 50 United States, among interstate organizations, and across Federal agencies to garner strategies for how the Federal government can better support states in promoting integrated water resources planning collaboratively.

During her 20 years working for the U.S. Army Corps of Engineers, Dr. Ayres facilitated strategic planning for the Chief Counsel, Director of Real Estate, and Hydropower, Emergency Management, and Recreation Business Program Managers as well as the Chief of Engineers at Senior Leaders' Conferences, the LEAD Team of senior leaders from around the Corps, and the Environmental Advisory Board to the Chief of Engineers while employed as a facilitator/analyst in the Office of Strategic Initiatives, the Engineer Strategic Studies Center, and then as a Sociologist at the Institute for Water Resources. She also served as Coordinator for the Corps' Alternative Dispute Resolution Program.

Dr. Ayres received her B.A. in Sociology at St. Mary's College, Notre Dame Indiana, with coursework at UCLA and Indiana University. She earned her M.S. in Organizational Psychology from Purdue University and her Ph.D. in Education and Cognitive Psychology from George Mason University, Fairfax, VA.

**Justin H. Oberst** is a Managing Partner of The Horinko Group. Previously, Mr. Oberst served as a Project Manager for the Global Environment & Technology Foundation, focusing primarily on research and analysis in support of a wide range of environmental projects. He supported a variety of programs, including the Mid-Michigan Regional Management System, Green Highways Partnership, and the Water and Development Alliance (a \$10 million partnership between Coca-Cola and the U.S. Agency for International Development). In this role, Mr. Oberst has utilized his law degree and legal experience to provide an analytical approach to support a wide range of projects across environmental media.

Mr. Oberst excelled during his time at University of Nebraska College of Law, receiving multiple awards and graduating with distinction in 2005.

**Isaac T. Chapman** is a Project Coordinator for The Horinko Group. Mr. Chapman is responsible for web development applications and excels with technical writing, strategic analysis, and communication. Prior to joining The Horinko Group, he worked in website design and development, both independently as a consultant and as an Assistant Webmaster at Lewis & Clark Community College. Mr. Chapman graduated from Webster University with a degree in Media Communications with an emphasis in Public Relations.

## **WATER SALONS**

Too often, interested individuals gather to discuss a seemingly complex or intractable problem with some of the pieces missing: the unique subject matter experts, the focused agenda, the creative thinker, a sufficient amount of time, the incentives to take a perception of a situation to the point where action can be taken concertedly toward resolution, or at least sensible next steps toward an actionable outcome.

This comfortable setting infused with the right amount of preparatory work is necessary to ground an enriching and productive exchange. The Horinko Group will create this setting for success by hosting what we refer to as a *Water Salon* – a targeted group convened to examine the complexities of water in ways that foster the energy for practical problem solving and innovation. With subject matter experts lending their diverse perspectives, a facilitator to keep the group on target, the use of collaboration tools, and a summary of the proceedings to capture insights and new ideas, we will ensure this roundtable discussion drives towards solutions and approaches for an actionable path forward.

The Horinko Group's Water Division launches its series of *Water Salons* as a continuation of the dialogue initiated at the April 13 Summit, *Sustaining Our Water Resources Through Collaboration*. We will host a different group of water resources professionals each quarter to define a problem or opportunity meriting deeper thought, creative problem solving, and careful planning. These quarterly Water Salons will introduce a new idea or approach to addressing a range of pressing issues in need of further exploration. Our group will facilitate the discussion through a well-designed meeting process to produce a clear problem statement and path forward for addressing the specific water issue.

### **2010 WATER SALON SERIES**

If you or your organization would like to participate in a current salon we have scheduled, or if there is a topic of interest that you feel warrants a Water Salon focus, please contact Brendan McGinnis at [bmcginnis@thehorinkogroup.org](mailto:bmcginnis@thehorinkogroup.org). Sponsorship opportunities are available as well.

#### The Evolution of Water Planning and Decision Making: A Closer Look

*Special Guest: Dr. Gerald E. Galloway, retired U.S. Army Corps of Engineers Brigadier General*

*June 15, 2010*

*Washington, DC*

The Horinko Group's *Water Salons* series will launch on June 14, 2010 with a presentation by retired U.S. Army Corps of Engineers Brigadier General, Dr. Gerry Galloway. The inaugural *Water Salon* will build on the capstone chapter he authored in a book recently published by the Corps' Institute for Water Resources (IWR), *The Evolution of Water Resource Planning and Decision Making*, a collection of essays edited by Clifford S. Russell and Duane D. Baumann under the sponsorship of IWR's Maass-White Series.

Dr. Galloway will focus on a number of key concepts from his writing, including: the implementation of adaptive management; defining the role of the public; unplumbing federal water policy, legislation, and coordination; and, acknowledging the private sector.

Addressing Water Issues and Finding Common Direction through a Social Capital Framework

*Special Guest: Dr. Stephen P. Gasteyer, Assistant Professor of Sociology, Michigan State University*

*August 2010*

*Washington, DC*

The Horinko Group's Water Division presents the second installment in the 2010 Water Salon Series with an exploration of a new model for assessing system water issues through a "social capital" framework. Dr. Stephen P. Gasteyer, Assistant Professor of Sociology at Michigan State University offers a framework for sustainable and secure water resources management. In his article entitled "Building Bridges: Community-based Social Networks for Sustainable and Secure Water Management" (published in the *Water Resources Update* by the Universities Council on Water Resources, Issue 127, February 24, 2004, pp. 31-40), Dr. Gasteyer touches on the power of social networking and the value of two variables in a systems model – Human Capital and Social Capital – in addition to Natural Capital and Financial/Built Capital.

The Horinko Group will consider how this model can be applied to analyze water problems and needs and guide efforts for civic engagement and improving popular water resource awareness. How social capital can be used to raise awareness and advocacy for water resources issues and problem-solving approaches, as well as the resources available to do so will be addressed.

Securing a Future for our Aquatic Ecosystems: Investing in Natural Capital to foster Livable Communities

*Special Guests: Dr. Dale Chapman, Founding Member of the Illinois Community College Sustainability Network;*

*Dr. Richard Warner, Director, Office of Sustainability, University of Illinois at Urbana-Champaign*

*October 2010*

*Hosted at The National Great Rivers Research and Education Center Field Station  
Alton, IL*

Our Nation's water systems – the Chesapeake Bay, Great Lakes, Everglades, Mississippi River, Gulf region, Columbia River – provide the perfect context for examining how bayside, lakeside, riverside, and gulfside communities work effectively toward sustainable water outcomes. A number of efforts are underway to protect and restore these vast and critical ecosystems. Federal partners are joining with regional, state, and local pathfinders to address storm detection, catchment plans, low-impact development, and protection of open space. Major local investments are being made to reconnect waterside "gateway" communities to their water heritage in order to improve their water position, bolster their quality of life, and diversify their economies for a more sustainable water future.

Community Colleges are deeply rooted in the community and are trusted local institutions. Major Land Grant Universities like the University of Illinois can bring the power of the University's Research Program to bear on the livability of watershed communities and help local leaders discover a sustainable path forward. These systems and opportunities are ripe for a Water Salon to stimulate and focus action to create new pathways forward.

## **SPONSORS**

Special thanks to the sponsors – your support is imperative to the success and continuation of The Horinko Group’s privately sponsored water resource forums.

An informed water resource community insures a sustainable water future for us all.

