AGENDA
Westin Crown Center, Kansas City, Missouri
Two Cities, Two Rivers, Two States – One Water

SEPTEMBER 15-17

MONDAY
PRE-PROGRAM
12:00 noon-1:30 p.m.

Urban Water Sustainability Council Meeting Luncheon (by invitation)
Guest Speakers:
Ashok Gupta, Director of Programs, NRDC
Sara Pollock Hoverter, The Climate Project, Georgetown University Law Center
Marc Cammarata & Mami Hara, Philadelphia Water Department, Green City, Clean Water implementation update

1:00 p.m.
Registration Opens

2:00 p.m.
Monday Convener:
Dick Champion, Chairman, Board of Directors, U.S. Water Alliance
Welcome:
The Honorable Sly James, Mayor of Kansas City, Missouri
Keynote:
The Honorable Robert Perciasepe, President, Center for Climate and Energy Solutions, Former Deputy Administrator, U.S. EPA

2:30 p.m.
WILL BE WEBCAST LIVE!

Water Works: Investing Together for a Stronger America
National leaders discuss a recently released report on Water & Jobs identifying the water sector as an economic engine that can pick up steam and deliver the
Triple bottom line – economic, social, and environmental goals toward water sustainability.

Moderator:  
**Ben Grumbles**, President, U.S. Water Alliance

Panelists:  
- **Michael Carlin**, Deputy General Manager, San Francisco Public Utilities Commission  
- **Julius Ciaccia, Jr.**, Executive Director, Northeast Ohio Regional Sewer District & President, National Association of Clean Water Agencies  
- **Bob Iacullo**, President, United Water  
- **Jo Ann Macrina**, Commissioner, Department of Watershed Management, City of Atlanta  
- **Tony Parrott**, Executive Director, Metropolitan Sewer District of Greater Cincinnati  
- **David St. Pierre**, Executive Director, Metropolitan Water Reclamation District of Greater Chicago  
- **Mark Strauss**, Senior Vice President, American Water  
- **Enrique Zaldivar**, General Manager, L.A. Bureau of Sanitation

4:00 p.m.  
**Urban On-site Innovation in Water Reuse**

*The Blueprint for Innovation in Urban Water Systems will be released at the Summit. It identifies the key components to manage and oversee on-site water treatment systems. Panelists will discuss solutions to common challenges associated with the implementation and scaling of on-site water treatment systems. Attendees will learn an appreciation for the variety of stakeholders who are integral to implementation of on-site water treatment systems.*

Moderator:  
**Melissa Meeker**, Executive Director, WateReuse Association and WaterReuse Research Foundation

Panelists:  
- **Paula Kehoe**, Director of Water Resources, San Francisco Public Utilities Commission  
- **Denise Lahmann**, P.E., Wastewater Management Program Manager, Washington State Department of Public Health  
- **Neal Shapiro**, Supervisor, Watershed Section, City of Santa Monica & Secretary, American Rainwater Catchment Systems Association  
- **Steven Peck**, Founder & President, Green Roofs for Healthy Cities

4:45 p.m.  
**Agriculture and Water Sector Collaboration for Nutrient Progress in Mississippi River Watersheds**

*Leaders in the agriculture and water sectors have opportunities to work together in new and innovative ways to reduce nutrient pollution and improve resource recovery in the Mississippi River Basin. Collaboration between agriculture and*
water to reduce nutrient pollution has the potential to create significant economic benefits for both partners in addition to promoting healthier landscapes and communities across the Basin. This is the conclusion of leaders in agriculture, water and wastewater utilities, government, environmental groups, and other organizations and associations who came together as participants in a series of Mississippi River Nutrient Dialogues in 2013-2014. Findings and recommendations from the dialogue will be presented.

Introduction:

Dr. Dale Chapman, President Lewis & Clark Community College and Chairman, National Great Rivers Research & Education Center

Speaker:

Roger Wolf, Director of Environmental Programs & Services, Iowa Soybean Association

5:15 p.m.

Wrap-up

Dick Champion, Chairman, Board of Directors, U.S. Water Alliance

5:30 p.m.

RECEPTION ON THE WESTIN ROOFTOP

TUESDAY SEPTEMBER 16

STRATEGIC SIDEBAR SESSIONS

Throughout the day – Presentations with facilitated strategic discussions (30-40 seats) run concurrently with plenary program

See page 9

7:30 – 8:30 a.m.

REGISTRATION, CONTINENTAL BREAKFAST & TABLE-TOP EXHIBITION

Tuesday Convener:

Kevin Shafer, Chair, Urban Water Sustainability Council & Executive Director, Milwaukee Metropolitan Sewerage District

8:30 a.m.

Precision Conservation: New IT tools for Innovation in Measuring & Managing

A futuristic overview - Precision Conservation is strategic management through technology that allows for better tracking and accurate measurement in real time, and that can promote innovative strategic investments in smart resource management. You can’t manage what you don’t measure!

Moderator:

Mary Ann Dickinson, President, Alliance for Water Efficiency

Panelists:

Jeff Allenby, Director of Conservation Innovation, Chesapeake Conservancy
9:30 a.m.  

SPOTLIGHT: **Cape Cod, Massachusetts**

Decades of population growth on Cape Cod are significantly degrading the marine water quality stressing many of the bays beyond possible recovery. Cape Cod’s environment and its economy are intricately intertwined and the cost of doing the wrong thing is only outweighed by the cost of doing nothing. The majority of the watersheds on Cape Cod receive wastewater with excessive nitrogen that flows through groundwater into the coastal waters, and that amount of nitrogen is ruining the ecology of those coastal areas. As the population has increased, so has the volume of nutrients entering the coastal waters and freshwater ponds, leading to diminished water quality. Many of the issues common to municipal wastewater planning are further complicated by the fact that 32 of the Cape’s 57 watersheds to coastal embayment are shared by two or more towns. To date, a fragmented town-by-town approach has characterized the response to this challenge. Cape Cod’s approach to the Section 208 Area Wide Water Quality Management Plan is watershed-based, considers traditional and non-traditional technologies, and presents multiple scenarios using a variety of technologies in each watershed that meet water quality standards. The plan incorporates decision support tools that will assist local decision makers in evaluating the economic, environmental and social impacts of each scenario and will help guide the region in finding the most effective solution to the Cape’s biggest environmental problem.

Moderator:

**Trent Stober**, Vice President, HDR, Inc.

Panelists:

- **Paul Niedzwiecki**, Executive Director, Cape Cod Commission
- **Scott W. Horsley**, LEEP AP, Consultant to Cape Cod Commission
- **Kristy Senatori**, Deputy Director, Cape Cod Commission
- **Patty Daley**, Deputy Director, Cape Cod Commission

10:30 a.m.  

NETWORKING BREAK & TABLE-TOP EXHIBITION

11:00 a.m.  

SPOTLIGHT: **Upper Neuse River Basin, North Carolina**

The panel will highlight ways the Upper Neuse River Basin Association (UNRBA) reached consensus on a divisive set of water quality and water supply issues; how they achieved adaptive management in an environment of agency reluctance to provide flexible alternatives for stormwater nutrient management; and how to keep focus on reasonable progress without throwing the process into political ideology (thinking realistically about what the regulatory future may bring at a State and Federal level, and how to be ready to respond to ongoing regulatory requirements).
Moderator:

Andrew Sauer, Water Resources Group Leader, CDM Smith

Panelists:

Forrest R. Westall, Executive Director, UNRBA
Pam Hemminger, Chair, UNRBA, Orange County
Alix Matos, Senior Project Engineer, Cardno ENTRIX
Don O’Toole, Senior Assistant City Attorney, City of Durham
Kenny Waldroup, Assistant Public Utilities Director, City of Raleigh

12:00 p.m. Luncheon Program Keynote:

Strategic Directions: U.S. Water Industry

Black & Veatch has issued its latest Strategic Directions: U.S. Water Industry report, identifying key issues facing water utilities in 2014. These include: ongoing concerns with utility financial conditions; growing water management challenges; and the need for greater customer education regarding the value of water and cost of providing safe and reliable water services. Drawing on the report, Cindy Wallis-Lage will examine best practices and strategies, from advances in technologies to the use of asset management frameworks, that leading utilities are implementing to overcome gaps in financing, water supply and customer understanding.

Cindy Wallis-Lage, President, Water Business, Black & Veatch

1:30 p.m. SPOTLIGHT:

Edwards Aquifer: Sharing Water Among Cities, Farms and the Environment

The Edwards Aquifer supports agricultural, industrial and municipal water needs across a 160 mile swath of South Central Texas that includes San Antonio. The aquifer also supports spring, riparian and coastal ecosystems. Disputes over use of the aquifer came to the forefront in 1991 when the Sierra Club filed suit against U.S. Fish and Wildlife over loss of endangered species habitat. The cascade of court cases, regulation and state law that resulted from the suit was tumultuous and contentious. Environmental, agricultural and municipal interests held opposing views. Despite the often heated controversy there have been constructive outcomes including successful water conservation programs, an approved Habitat Conservation Plan and a mature water rights market. Perhaps most remarkable is the fact that the negotiated Habitat Conservation Plan avoided both severe pumping reductions and new, expensive engineered solutions. Instead a combination of conservation, paying farmers to not irrigate during the worst drought periods, and using an existing aquifer storage and recovery system combined to achieve planned reductions in aquifer withdrawals. This bottom-up approach requires long-term contributions and monitoring from all stakeholders to assure success.
Moderator:

Ron Coker, Senior Vice President, Burns & McDonnell

Panelists:

Karen Guz, Conservation Director, San Antonio Water Systems
Tyson Broad, Research Associate, Sierra Club
Nathan Pence, Executive Director of Habitat Conservation Plan
Tom Taggart, Director of Public Services, City of San Marcos

2:30 p.m.

Coalition Building for Success in Water Reuse

Five associations polled their members to help identify where funds are being spent for the development (planning, environmental review, design or construction) of recycled water projects over the next 10 years. Gary Darling will report on the results with particular focus on the value of securing political will, public support, and funding to develop critical water reuse projects; and, the success of the Western Recycled Water Coalition in securing funding and congressional support for project authorization and appropriations; and, the collaborative regional model among 22 districts, cities, and an investor-owned water utility to develop a sustainable water supply solutions.

Gary Darling, General Manager, Delta Diablo Sanitation District

3:00 p.m.

NETWORKING BREAK & TABLE-TOP EXHIBITION

3:30 & 4:00 p.m.

WATER TABLE DISCUSSIONS

Choose two 30 minute small group conversations, to engage with other experts

See Page 12

4:30 p.m.

Green Stadium Design

The goal of Green Stadium Design is to create high-performing buildings that will unite communities through the events they host. Key integration of design, performance, and sustainability will be considered specific to two key high-performing projects: Target Field in Minneapolis and the Olympic Stadium for London 2012 Olympic Games. Both examples are very different challenges with unique opportunities. These opportunities help to create exemplary design that positively affect the communities that embrace them.

Heather Stewart, Architect, Populous

5:00 p.m.

Wrap-up & report back from Strategic Sidebar Conversations

Kevin Shafer, Chair, Urban Water Sustainability Council & Executive Director, Milwaukee Metropolitan Sewerage District

6:00 p.m.

ROYALS VS. WHITE SOX (buses depart hotel)

Beer & Barbeque in All-Star Party Suites
WEDNESDAY  SEPTEMBER 17

STRATEGIC SIDE BAR SESSIONS

Throughout the day – Presentations with facilitated (30-40 seats)
strategic discussions will coincide with plenary program

See page 9

7:30 – 8:30 a.m.

ONE-DAY REGISTRATION, CONTINENTAL BREAKFAST & TABLE-TOP EXHIBITION

Wednesday Convener:

Terry Leeds, Director, Kansas City (MO) Water Services Department

8:30 a.m.

Urban Waters Federal Partnership-Creating Multi-sectoral Collaborations to improve Urban Rivers for Multiple Benefits

Cities across the U.S. are seeking solutions to meet urban stream water quality standards and aging water infrastructure failures. 750 US cities have Combined Sewer Overflows (CSOs), and every two minutes there is a water main break in the U.S. Innovative partnerships are providing models of promising, collaborative approaches that create multiple benefits as they revitalize communities and economies while abating pollution. At the Federal level, a key initiative, the Urban Waters Federal Partnership, was launched in 2010 to work collaboratively with communities on their priorities that centered on urban river restoration and recreation. Panelists will explore how they are establishing innovative funding and multi-sectoral regional partnerships.

Moderator:

Lisa Pelstring, Advisor, Urban Environmental Issues, U.S. Department of Interior

Panelists:

Dwane Jones, Director of the Center for Sustainable Development, University of the District of Columbia

Jenny Hoffner, Senior Director, American Rivers

Roberta Vogel-Leutung, , Middle Blue River Urban Waters Federal Partnership Lead, U.S. EPA Region 7

9:15 a.m.

Valuing Water

We know that the market price of water does not reflect its true value, especially in regions where water is scarce. How are businesses and water companies valuing externalities and the true cost of water - in monetary terms - and using that insight in their decision-making? This panel session will provide case study
examples from the Yarra Valley Water’s valuation, Yorkshire Water Company’s Environmental Profit & Loss (EP&L) accounting, multi-national businesses who are valuing water risks in their operations and supply chains, as well as an update on a new cost of water tool for business decision-making.

Moderator:
Jennifer M. Gerholdt, Director, Environmental Initiatives, U.S. Chamber of Commerce Foundation

Panelists:
Libby Bernick, Senior Vice President, Trucost
Darren Beck, Director of Environmental Initiatives, Sprint Corporation
Emilio Tenuta, Vice President, Sustainability, Ecolab

10:00 a.m.
NETWORKING BREAK & TABLE-TOP EXHIBITION

10:30 a.m.
How to Fund the Innovative, Integrated Water Future of the United States
Business Leaders discuss opportunities in Collaboration

Moderator:
Peter Nicol, Global Managing Director, CH2M HILL

Panelists:
Francesca McCann, Chairman & CEO, Abengoa Water
Geoffrey Morgan, Partner, Michael Best & Friedrich LLP
Ken Kirk, Executive Director, National Association of Clean Water Agencies
Dan McCarthy, Principal, Dan McCarthy Consulting
George Tapas, Vice President, National Practice Manager, URS Corporation

11:30 a.m.
Progress with Envision

Kansas City has made a commitment to promote and encourage sustainable decision making as part of the community’s long-term infrastructure investments. Envision™ principles are being implemented in Kansas City as a vehicle for ongoing coordination and collaboration efforts between departments and with the community. Mayor Pro Tem Cindy Circo embraced this commitment by becoming one of the first elected officials in the nation to become a certified Envision™ Sustainability Professional. Since that time, the Water Services Department has certified ten additional staff and incorporated Envision™ elements into the project scoping documents associated with the Overflow Control Program. Learn about the city’s progress with the Envision™ System and how it is being applied to infrastructure projects currently underway

Cindy Circo, Mayor Pro-tem of Kansas City

12:00 noon
Preview for the Green Bus Tour:
12:30 p.m. Grab your box-lunch, get on the bus, and go!

Return to Hotel 4 p.m.

The Kansas City metropolitan area is made up of diverse cities working to promote water sustainability as a way to reconnect with our natural resources and enhance the quality of life for our residents. Join the cities of Kansas City, Lenexa, Overland Park, and Shawnee on one of the two tours of green infrastructure that showcase leadership in stormwater management on both sides of the state line.

Take your pick of either a suburban or urban green infrastructure tour, running concurrently from 12:30 to 4:00 pm on Wednesday, September 17th. The suburban tour will feature stormwater management strategies for dealing with large scale population and business growth as well as federal and municipal strategies for promoting green infrastructure through “walking the talk”. The urban tour will highlight innovative practices that integrate green infrastructure into urban renewal, neighborhood revitalization, and natural resource education.

### STRATEGIC SIDEBAR SESSIONS TUESDAY

Throughout the day – Presentations with facilitated (30-40 seats) strategic discussions will coincide with plenary program.

9:00 a.m. Innovation in Onsite Water Management

Onsite water treatment programs are among the innovative strategies being incorporated around the country to help conserve, reuse, and diversify our water supply. This interactive session will build upon the Monday afternoon panel presentation and allow participants to delve more deeply into the process for developing a local onsite water management program. Of particular focus during this discussion will be progress that has been made by the group working to develop overarching model water quality standards.

- **Paula Kehoe**, Director of Water Resources, San Francisco Public Utilities Commission
- **Denise Lahmann**, P.E., LOSS and Reclaimed Water Program Supervisor, Washington State Department of Public Health
- **Tom Fritts**, President, National On-site Water Reuse Association (NOWRA)
- **Jeffrey Bruce**, Chairman, Green Roofs for Healthy Cities

10:00 a.m. Watershed Protection Utility

One of the critical overarching challenges in reducing excess nutrients in the Mississippi River Basin is that, despite the fact that a healthy environment is a widely shared value, no entity currently fully owns the challenge of excess nutrients specifically or watershed protection more broadly and has mission, authority, and resources to design and/or implement a comprehensive solution strategy (such as a state nutrient reduction strategy). A mechanism is needed that can supplement existing governance and funding structures by tapping into the support of broader constituencies and stakeholder groups for clean water.
Such a mechanism might be modeled after a private or quasi-private utility and achieve the advantages and efficiencies of such utilities to mobilize and utilize public funds to tackle local and regional problems using economies of scale to restore and protect ecosystem services and achieve local, state, and regional water quality improvements.

**David St. Pierre**, Executive Director, Metropolitan Water District of Greater Chicago

**Michael Reuter**, Freshwater Program Director, The Nature Conservancy

**Harry Ahrenholtz**, Representative, Agriculture’s Clean Water Alliance

11:00 a.m. **Parknerships for Green Infrastructure**

As cities strive to manage stormwater on the surface—in green infrastructure—new and existing parks, playgrounds, gardens, trails and greenways present an opportunity for community benefits that go well beyond stormwater management. Join us for a discussion of how coalitions of municipal agencies, community groups, nonprofits and foundations—“Parknerships”—are leveraging stormwater investments into new, vital urban spaces. We’ll use several of The Trust for Public Land’s current programs as examples.

**John Horwich & Laura Ballock**, Program Directors, The Trust for Public Land

1:30 p.m. **Promoting Technology Innovation for Clean and Safe Water – Blueprint Version 2**

On April 7, 2014, the U.S. Water Alliance’ Water Prize Ceremony was the forum where Administrator Gina McCarthy announced release of EPA’s new Blueprint and the Agency’s desire to support the advancement and use of innovative technologies to seize opportunities to solve our water challenges. The Blueprint frames ten “market opportunities” where technology innovation can solve water resource problems cheaper, faster and using less energy. The themes in EPA’s Blueprint fit nicely with the efforts to promote the “Utility of the Future”. We will be joined by EPA’s Jeff Lape to engage us in dialogue and to outline EPA’s ideas including: creating the regulatory space for innovation; accelerating delivery of technologies through technology evaluation, and support for regional technology clusters.

**Jeff Lape**, Deputy Director, Office of Science and Technology, Office of Water, U.S. Environmental Protection Agency

2:30 p.m. **Rural/Urban Partnerships**

How do we develop partnerships that lead to large scale restoration and leverage RCPP funding? Participants will talk about methods used to finance and the evolution of conservation agreements that support such work.

**Bruce Roll, Ph.D., M.P.H.**, Director Watershed Management, Clean Water Services (Hillsboro, Oregon)

**Jill Erickson**, Program Manager, Heartland Conservation Alliance

3:30 – 5:00 p.m. **Water Quality Trading**

Decades of discussion and scores of pilot projects have centered on "water quality trading"- the practice of allowing multiple parties to exchange credits for pollutant reductions and offsets for new growth in ways more effective and cost effective than could be achieved through traditional "command and control" strategies. Why is interest growing and the practice extending well beyond the pilot stage? What needs to happen to gain and sustain the support of citizens, ratepayers, shareholders, and regulators around the country? Join public and private sector leaders in a discussion of needs, trends, successes, and late-
breaking developments, nationally and regionally. Learn about the focused and complementary efforts of the recently-formed National Network on Water Quality Trading and the National Water Quality Trading Alliance to overcome barriers and broaden the use of market-based mechanisms to accelerate restoration in river basins and watersheds.

Shannon Varner, Counsel, Troutman Sanders
David Primozich, Senior Director Ecosystem Services, The Freshwater Trust
Trisha Moore, Assistant Professor, Biological and Agricultural Engineering, Kansas State Urban Water Institute
Doug Durbin, Vice President, Cardno ENTRIX

WEDNESDAY

9:00 a.m.  Kansas City’s Natural Resources Inventory & Regional Green Infrastructure Planning
Local communities across the nation are linking green infrastructure and water resource management plans in multiple ways and at multiple scales. High quality geospatial natural resource data is fundamental to the formulation of multi-benefit green infrastructure initiatives. Tom Jacobs will share the Mid-America Regional Council’s approach to developing a high resolution, remote sensing-based regional natural resource inventory to integrated green infrastructure - watershed - land use planning efforts in the Kansas City region. Discussion will focus on how such methods might be replicated at a larger scale to support similar planning efforts in other communities.

Tom Jacobs, Director, Environmental Programs, Mid-America Regional Council

10:00 a.m.  Community Colleges and River Corridors: Using a Large River Corridor Approach to Moving Watershed Communities Toward Greater Resiliency.
Lewis and Clark Community College (LCCC) and the National Great Rivers Research and Education Center (NGRREC), together with the University of Illinois, are pioneering a variety of actionable and incremental approaches to moving Mississippi River Corridor communities onto a sustainable path and revealing the linkages between healthy communities, a healthy river, and a healthy economy. The Department of Labor funded Mississippi River Transportation, Distribution and Logistics Consortium (MRTDL) and its unique “eco-regional natural system” approach to advancing economic redevelopment will be discussed. Composed of nine community colleges in eight states bordering the river from the headwaters to the gulf, the consortium is dedicated to the placement of dislocated and other workers in high-wage, high-skill occupations in the vital transportation, distribution and logistics industry and related sectors. MRTDL is utilizing the Department of Labor’s Trade Adjustment Assistance Community College and Career Training (TAACCCT) grant program, a multi-year, nearly $2 billion initiative to expand targeted training programs for unemployed workers, especially those impacted by foreign trade. This corridor consortium of community colleges is particularly focused on water resource dependent jobs and uses the Mississippi River corridor as a landscape platform for addressing economic redevelopment and natural system resiliency in an integrated fashion.

Dr. Dale Chapman, President of Lewis and Clark Community College & Board Chair for the National Great Rivers Research and Education Center (NGRREC)
WATER TABLE MENU
SEPTEMBER 16 - 3:30 & 4:00 p.m.

TABLE #1
Jennifer M. Gerholdt, Director, Environment Program, U.S. Chamber of Commerce Foundation, Corporate Citizenship Center

The Energy-Water-Food Nexus: Insights for the Business Community
The private sector is increasingly examining energy-water-food nexus risks and opportunities and adopting synergistic solutions, such as through technologies, innovation, big data, and partnerships. According to the U.S. Chamber of Commerce Foundation report, “The Energy-Water-Food Nexus: Insights for the Business Community,” one of the biggest gaps identified is the need for stronger and additional collaboration among business, government, civil society, and other key stakeholders. Join us to discuss how we can increase cooperation and accelerate collaborative approaches to solve pressing energy-water-food priorities that yield bottom line and sustainability benefits.

TABLE #2
Sara Pollock Hoverter
The Climate Project
Georgetown University Law Center

Stormwater Toolkit Project
Climate change presents a new set of challenges for water infrastructure systems. While communities are innovating with a wide variety of green infrastructure measures, limited resources exist to help jurisdictions learn from each other. Join the Georgetown Climate Center to discuss legal and policy barriers to implementing green infrastructure solutions and help us develop our Green Infrastructure Toolkit.

TABLE #3
Jeff Rexhausen, Senior Research Associate, Economics Center, University of Cincinnati

Defining, Measuring, & Addressing Affordability
Household affordability is at the heart of current discussions about how much communities can and should spend to address environmental problems associated with sewer system discharges. How did we get stuck on two percent of median household income? Together, we will consider various definitions of affordability, their advantages and deficiencies, new ways to measure it, and what communities are doing or can do to address this issue.

TABLE #4
Anita Musser, Office of Sustainability, City of Columbus Department of Public Utilities

Blueprint on Community Engagement
How do municipalities meaningfully engage a wide spectrum of stakeholders to help them understand topics they rarely consider? Storm sewers and sanitary sewers, inflow and infiltration, CSOs and SSOs. What does it all mean and how does it affect the public? Join us for a conversation on engaging the community on wastewater and stormwater problems and possible solutions.

TABLE #5
Patti Banks & Matt Schoell-Schafer, Landscape Architects, Vireo

Public Health: A New Way of Thinking About Health and Water
Traditional concerns regarding water has been drinking quality and wildlife or environment health, but now we are beginning to understand more about the holistic health of humans and our connection to nature. Water is
a key player in this formula because of its role to the health of the natural environment, to nature in the city. The Trust for Public Land is supporting a new Parks Prescription Program, Children’s Mercy here in KC is doing a similar program.

**TABLE #6**

Katherine Kelly, Executive Director, Cultivate Kansas City

David Dods, Senior Environmental Engineer, URS Corporation

**Urban Agriculture and Urban Water**

A discussion on how municipalities and community-based organizations are working together to address the water needs of urban farms and gardens through strategies including promoting good soil and water conservation practices, water catchment, providing funding for water management strategies, and others. We will share information about specific projects in Kansas City, MO and Kansas City, KS and would like others to share their success stories and challenges.

**TABLE #7**

Jill Erickson, Project Manager, Heartland Conservation Alliance

Dr. Jacob Wagner, PhD, Associate Professor, UMKC Architecture, Urban Planning & Design Department

**City Vacant Lots: Assets for Water Management & Community Health**

Many cities around the country struggle with the burden of vacant lots instead of maximizing their potential as assets. Learn how Heartland Conservation Alliance is working with community partners in a two-year project funded by EPA Urban Waters to study thousands of vacant lands in the Middle Blue River Watershed for the purposes of identifying properties to redevelop with green infrastructure or low impact development. This effort will build upon current work for developing a Blue River watershed restoration strategy. The goal of the project is to improve watershed health and community vitality.

**TABLE #8**

Brian Kelly, Supervisory Hydrologist, USGS

**Flood Inundation**

This topic presents the results of a 10-year flood mapping study of the Blue River Basin in the Kansas City metropolitan area. The Blue River flows through the middle of the Kansas City metropolitan area and has been a source of flood damage for many years. Real-time flood inundation maps for 18 locations will help prevent flood damage, assist recoveries, and save lives. The project is a USGS cooperative study with the Kansas City Water Services Department.

**TABLE #9**

Donna Vincent Roa, PhD, ABC, Managing Partner, Vincent Roa Group, LLC

**Why We Need Blue Propaganda: Investing in Water’s Future by Changing Mindsets About Its Value**

Our future depends on how we see and value water. We need systemic thinking, wise choices and a quest for integrated strategies, realistic solutions and informed citizens. Keeping our heads in the sand about the value of water only guarantees ugly surprises down the road. Learn about and discuss the trends, insights, and perspectives from leaders across industries and continents that raised their voices for the forthcoming book, *The Value of Water: A Compendium of Essays by Smart CEOs*.

**TABLE #10**

National Great Rivers Research and Education Center

**Modernizing, Monitoring, and Modelling for Large River Systems**

In addressing the needs of complex natural systems what is the due diligence that advances great ideas to measurable outcomes? Beyond amassing critical involvement and energy and the necessary institutional
arrangements how are data needs met? How performance measured and the sytem’s response monitored? How is information conveyed to build knowledge, confidence, and capacity at the community and policy levels? On the Mississippi River a new model is emerging that begins with a system based real time data platform that is designed to enable resource decision support to enhance risk management and long term strategic planning. Join this discussion innovative initiatives for water quality monitoring on the Mississippi River. Projects include Great Lakes to Gulf (GLTG), a data integration effort that will underpin river management and policy, the Great Rivers Ecological Observatory Network (GREON), a network of sensor equipped buoy platforms that test for nitrate in real time, and the development of water quality nanotechnology sensors that can detect nutrients and track their movement through the water column.

Rain Ready
Come hear about CNT’s Rain Ready initiative, a set of tools to help property owners and communities become more resilient in the face of too much or too little rain in the most cost-effective ways possible. Rain Ready policies and practices help residents, communities, and states plan for weather events associated with global climate change. In addition, you’ll hear how CNT is initiating state and federal urban flooding legislation to support Rain Ready.

Table #11
Hal Sprague, Manager of Water Policy, Center for Neighborhood Technology (CNT)
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The Conservation Fund

URS Corporation
SUPPORTING PARTNER ORGANIZATIONS

Alliance for Water Efficiency

American Rainwater Catchment Systems Association

Bridging the Gap

Cape Cod Commission

Center for Neighborhood Technology

Green Roofs for Healthy Cities

Heartland Conservation Alliance

Kansas State University Urban Water Institute

The Conservation Fund

The Trust for Public Land

The Water Council

U.S. Chamber of Commerce Foundation

Water & Wastewater Equipment Manufacturers Association

Western Coalition of Arid States (WESTCAS)