Webinar Announcement

Drivers for Decision Making: Resiliency, Diversity, and Public Outreach for Stormwater Projects

12:00 pm to 2:00 pm
Thursday, January 18, 2024

Please join Central States Water Environment Association Watershed and Stormwater Committee for a **Virtual Webinar** offering a discussion of transformative stormwater watershed projects in the Midwest that integrated diversity, public outreach, and funding mechanisms with innovative design and planning. This special presentation of this Virtual Webinar series is hosted in conjunction with the Wisconsin, Minnesota, and Illinois committees. Advanced registration required. Up to 2.4 PDHs and 2 CEUs will be offered.

Register online by **January 17th**
https://attendee.gotowebinar.com/register/8505673953603679068

Fees for attendance are as follows.

Member	$30 (Discount Code: CSWEA)
Non-Member	$35
Student	$10 (Discount Code: Student)
International	$10 (Discount Code: International)

Webinar Agenda. See page 2 for detailed descriptions:

- **11:55am - Introduction**
- **12:00pm - Using Envision to be Effective and Accountable Stewards of Public Infrastructure** (Michael Mucha, Madison Metropolitan Sewerage District)
- **12:30pm - Innovative Green Infrastructure Beneath the Marquette Interchange** (Anna Sadowski, Strand Associates, Inc.)
- **1:00pm - Minneapolis Green Zones** (Allison Bell, City of Minneapolis and Bridget Osborn, HR Green)
- **1:30pm - West and Southwest Winnetka Flood Control and Stormwater Management Program** (Mike Waldron, Strand Associates, Inc.)
- **2:00pm - Adjourn**

A webinar link will be emailed prior to the webinar for those who register.
Direct questions to Andrew Toay: atoay@srfconsulting.com

Presentation Topics

Using Envision to be Effective and Accountable Stewards of Public Infrastructure
Michael Mucha, Madison Metropolitan Sewerage

Michael is the Chief Engineer and Director for the Madison Metropolitan Sewerage District. He has dedicated his career in local government to building public trust through sustainability. “Anything can be accomplished if you have the public working with you.” Michael has his BS in Civil Engineering from the University of Wisconsin Milwaukee and his master’s in public administration from the University of Washington-Seattle. He is a registered professional engineer and Envision sustainability professional. Michael is currently board chair for the Institute for Sustainable Infrastructure, which developed and manages the Envision rating system.

Innovative Green Infrastructure Beneath the Marquette Interchange
Anna Sadowski, Strand Associates, Inc.

Anna Sadowski is a stormwater engineer at Strand Associates, Inc. in Milwaukee, Wisconsin. She received her bachelor’s degree in Civil and Environmental Engineering from the University of Wisconsin - Madison in 2016. She is a registered professional engineer in Wisconsin and has worked on a variety of green infrastructure and stormwater management projects throughout the state. The Milwaukee Metropolitan Sewerage District and City of Milwaukee partnered to install innovative solutions for storing and treating runoff from the Marquette Interchange. The project, designed by Strand Associates and constructed in 2020, involved extensive stakeholder and public outreach to produce a plan which not only addresses freeway pollutants, but also creates a space for education and connecting the community. This presentation highlights the project’s unique green infrastructure elements and extensive planning process that revitalized this underused space.

Minneapolis Green Zones
Allison Bell, City of Minneapolis & Bridget Osborn, HR Green

Allison Bell was the City of Minneapolis Green Infrastructure (GI) Coordinator for about 3 years, and she is now a Professional Engineer in the City’s Transportation Engineering Department. Her role as the GI Coordinator was to help incorporate GI into transportation projects and to support in the creation of a GI program. The City recognizes that GI can be used as a tool for environmental and racial justice, and includes the development of a green jobs workforce as an important goal**.** Bridget is a water resource engineer for HR Green and the chair of the MN section CSWEA Stormwater Committee. For over 13 years, she has worked with municipalities to achieve their hydrologic, hydraulic and water quality goals. She enjoys working with multiple stakeholders to find a sensible path forward for all her projects. Minneapolis Green Zones are communities that have been deeply affected by pollution as well as racial, political, and economic marginalization. They were developed by the Environmental Justice Task Force in the 2013 Climate Action Plan. This presentation will describe the history and development of the Green Zones, as well as the Action Plans and goals the communities have established to address and undue the historic harm. Then, we will walk through a stormwater planning project the City recently completed within one of the Green Zones. The project was tasked with optimizing green infrastructure along transportation projects planned in the zone. We will describe the additional considerations and community outreach strategies we used, as well as lessons-learned from the process.

West and Southwest Winnetka Flood Control and Stormwater Management Program
Mike Waldron, Strand Associates, Inc.

Mike is a Senior Associate with Strand Associates, Inc. in their Joliet, Illinois office. He has been with Strand for more than 32 years and is Coordinator of their Municipal Engineering Department. Mike has managed a wide variety of stormwater management, flood control, and green infrastructure-related projects in his career. He authored Winnetka’s Western and Southwestern Winnetka Stormwater Management Program and has been leading program implementation since 2017. In response to three historic rainfall events – 2008, 2011, and 2013 – that produced widespread flooding and significant property damage and losses for more than 1,000 homes, the Village of Winnetka adopted the Western and Southwestern Winnetka Stormwater Management Program in July 2016. The program addresses inadequate existing stormwater infrastructure with a combination of wet ponds, underground storage, wetland modifications, and conveyance improvements while maintaining the existing stormwater release rates to downstream water bodies and communities. When fully implemented the program will provide 100-year design storm level of protection to the western and southwestern portion of the village. This presentation explains the holistic watershed evaluation that was the basis for the program and the extensive public engagement process that built community consensus for it, describes the multi-agency negotiations and agreements that were foundational to it, and highlights the unique stormwater management infrastructure being constructed by Winnetka to deliver confidence in the wettest weather.