Creating the Future of Water Together Today

Michigan Water Environment Association
June 20, 2016

Jenny Hartfelder, PE
WEF Vice President
“The best way to predict the future is to create it”

Abraham Lincoln
We are the Water Quality People
WEF’s Strategic Plan

As a global water sector leader we:

• Enrich the expertise of water professionals
• Increase the awareness of the impact and value of water
• Provide a platform for water sector innovation
• Connect water professionals
Creating the Future

Enriching the Expertise of Water Professionals
Utility of the Future
A Blueprint for Today

2015 Annual Report
Utility of the Future
Today’s Energy Producers
Today’s Nutrient Removal & Recovery
WEF’s Operator Initiatives

- On-Demand Wastewater Library (OWWL)
- Leading the process toward national certification
Creating the Future

*Increasing Awareness of the Value of Water*
Value of Water Campaign Toolkit

WHAT’S THE VALUE OF WATER?

Mornings wouldn’t be the same without water. Most of us never think about how water gets to the tap or where it goes after it goes down the drain. Luckily, we don’t have to. Pumps, treatment plants, and pipes bring us clean water. But our water systems are aging. They need investment to continue delivering life’s most essential resource. We need water to make a cup of coffee and most everything we do in life. All day, every day. Water—essential. Reliable. Invaluable.

Learn how water works for you. Visit TheValueofWater.org.

YOUR LOGO + WEBSITE

#ValueWater

WHAT’S THE VALUE OF WATER?

When nature calls, you want open stalls. Most of us never think about what happens to the water we flush. Luckily, we don’t have to. Pumps, treatment plants, and pipes remove and clean wastewater so it can be returned to the environment or safely reused.

Clean water systems are one of the greatest public health achievements in history, but they’re aging. They need investment to continue delivering life’s most essential resource. All day, every day. Water—essential. Reliable. Invaluable.

Learn how water works for you. Visit TheValueofWater.org.

YOUR LOGO + WEBSITE

#ValueWater

www.thevalueofwater.org
WHAT’S THE VALUE OF WATER?

Learn more about the systems that bring water to and from homes and businesses. Visit TheValueofWater.org.
#ValueWater

Without clean water, soccer uniforms would never make it through the season.
Most of us never think about how clean water gets to us or where our dirty water goes. Luckily we don’t have to. Pumps, treatment plants, and pipes bring us clean water and carry our wastewater away.

But here’s a dirty secret about our water systems: They’re aging. They need investment so they can continue to deliver life’s most precious resource. All day, every day.


Learn how water works for you. Visit TheValueofWater.org.

YOUR LOGO + WEBSITE

Presented in cooperation with the Value of Water Coalition.
Government Affairs

• Speaking up for science-based water decisions

• Water Advocates training for MAs/Utilities

• WEF/NACWA Fly-in this Spring

• This Week in Washington
Creating the Future

Provide a Platform for Water Sector Innovation
A WEF/WERF initiative accelerating innovation into practice
LIFT MA Toolbox

Leaders Innovation Forum for Technology (LIFT)

LIFT is a multi-pronged initiative undertaken by WEF and WERF to help new water technologies move to market quickly and efficiently. The WEF Member Associations (MWMA) provide local activities for members around the world, including high quality technical conferences, educational programs, and more. This toolbox provides guidance to WEF MAAs on ways to connect with the LIFT program and help expedite new technology adoption in their regional market. The toolbox will pair WEF MAAs by region and offer advice on how to foster innovation within water utilities and WEF MAAs’ utility-utility partnerships programs.

1. Become a LIFT Affiliate

LIFT MAAs may decide to participate in LIFT by establishing a committee on innovation and requesting to be a LIFT Affiliate. Affiliates work together with the national LIFT program to share information and collaborate on projects/initiatives of mutual interest and benefit, such as piloting and evaluation of new technologies. Click HERE to find out more information on how to become a LIFT Affiliate.

2. Join the Online Water Network

LIFT Link is an online platform that serves as a highway of interaction among utilities, academics, consultants, investors, and innovative technology providers. Users can discover the latest technologies, connect with others on new technologies of common interest, and collaborate on pilots and demos. Additionally, users can learn about top priority research and technology needs, find experts to help solve them, and more. To find out more about LIFT Link, click HERE.

3. Participate in Tech Scans

LIFT Link technology scans identify and evaluate innovative technologies to inform water facility owners, funders, advisors, and end users in order to promote early adoption of technology. WEF MAAs can help identify top technologies from their network to participate in the LIFT nationwide technology scan process. Click HERE to read more about the WEF MAAs role in the tech scans.

4. Start a Mentorship Program

Mentoring can provide valuable knowledge from well-established facilities. Important of mentorship cannot be overstated, especially when smaller utilities can gain valuable knowledge from well-established facilities.

5. Connect with Test Beds

WEF MAAs may work with local utilities and universities to include local facilities as part of the national test bed network which LIFT is helping to develop. The network will help researchers and technology developers with appropriate facilities for technology pilots and demonstrations. Click HERE to find out more.

6. Link Universities & Utilities

The water industry needs to provide more opportunities for qualified students to enter the field well equipped with education and experience. WEF MAAs can help facilitate and grow university-utility partnership programs for their network of university students and utilities to help strengthen and grow the future industry leaders. The LIFT network and activities can help leverage MA efforts.

7. Propose Your WEF MA Idea for LIFT

There are a multitude of additional ideas and initiatives needed to better foster a system and culture of innovation in the water industry. This toolbox is only a start. Do you have an idea you think would be useful for WEF MAAs and LIFT Affiliates to participate in? Feel free to reach out to the listed WERF and WEF representatives to share your thoughts and offer suggestions.
Today’s national stormwater leadership

- WEFTEC Stormwater Congress & Pavilion
- 100 workshops & sessions, tours
- *Stormwater Report* e-newsletter
- *World Water: Stormwater Management*
Creating the Future

Connecting Water Professionals
The Future Workforce
Young Professionals

• Mid-Year Springboard Program
• Student Design Competition
• WEF Community Service Project
• WEFTEC YP Reception
• Annual Student Chapter Meeting
• WEFTEC Session Moderator
• Water Palooza
• YP Summit
weftec 2016
the water quality event™

September 24 – 28 | New Orleans Morial Convention Center
WEF Membership -

Everything you need to be successful

- Highly regarded technical publications
- Free unlimited live/archived webcasts
- Free on-line proceedings of WEFTEC/Conferences
- Discounts on training
- CEU & PDH credentials
- Discussion forums
- Public awareness tools
- Engagement in committees
we are wef
Thank You!

Jenny Hartfelder
WEF Vice President
Jenny.hartfelder@mwhglobal.com