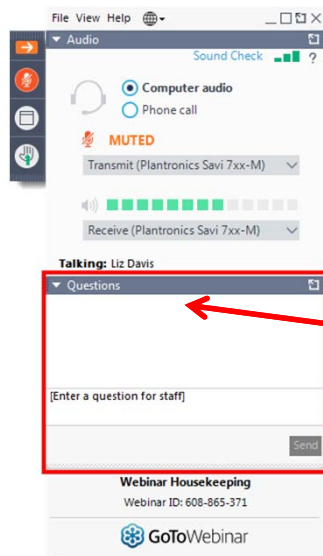




The banner features a scenic background of a wooden dock extending into a calm lake, surrounded by lush green trees under a clear sky. In the top left corner, the **wef** logo is displayed next to the text **Stormwater Institute**. In the top right corner, the **nmsa** logo is shown, with the text **National Municipal Stormwater Alliance** below it. Centered in the middle of the banner is the text **Water Week 2020** and **Stormwater Policy Recommendations**. At the bottom center, the date and time **April 20, 2020** and **1 - 2 PM ET** are listed.

1

## How to Participate Today



- **Audio Modes**
  - Listen using Mic & Speakers
  - Or, select "Use Telephone" and dial the conference (please remember long distance phone charges apply).
- Submit your questions using the Questions pane.
- A recording will be available for replay shortly after this webcast.

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## Webcast Agenda and Participants

- 1) **Introduction**, Fernando Pasquel, SWI Advisory Committee Chair
- 2) **Welcome**, Jamie Eichenberger, WEF Treasurer
- 3) **WEF Stormwater Programs Update**, Adriana Caldarelli, WEF Stormwater Institute Director
- 4) **Update from DC**, Steve Dye, WEF Legislative Director
- 5) **WEF/NMSA Stormwater Policy Recommendation Document**
  - Steve Dye, WEF Legislative Director
  - Scott Taylor, NMSA Chair
  - Seth Brown, NMSA Executive Director
- 6) **Q&A** via the Chat Function



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## Upcoming Stormwater Events

- **Stormwater Committee Webcast**
  - Climate Change: From Theory to Stormwater Practice
  - Thursday, April 23<sup>rd</sup>, 1:00 - 3:00pm Eastern
  - <https://www.wef.org/events/webcasts/upcoming-webcasts/>
- **Stormwater Policy Forum**
  - Part 1 - Tuesday, April 28<sup>th</sup>, 1:00 - 3:00pm Eastern
  - Part 2 - Monday, May 4<sup>th</sup>, 1:00 - 3:00pm Eastern
  - <https://wefstormwaterinstitute.org/programs/water-week-2020-stormwater-events/>



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## Stormwater Policy Forum - Part 1 Agenda

### Welcome

- Fernando Pasquel, SWI Advisory Committee Chair

### Federal and State Officials

- Christopher Kloss, US EPA, Office of Water
- Charles Glass, PhD, Maryland Department of Natural Resources

### Congressional Update

- Steve Dye, WEF
- Jonathan R Pawlow, Esq., Senior Counsel, Subcommittee on Water Resources and Environment, Committee on Transportation and Infrastructure, U.S. House of Representatives
- Shannon Frede, Legislative Assistance, Office of U.S. Senator Ben Cardin (D-MD)

### Open Discussion and Feedback



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## Stormwater Policy Forum - Part 2 Agenda

### Welcome

- Scott Taylor, SWI Advisory Committee Vice-Chair

### Keynote Speaker

- Mark Osler, Senior Advisor for Coastal Inundation and Resilience, National Oceanic and Atmospheric Administration

### Hot Topics Panel

- Sonia Brubaker, US EPA, Water Infrastructure and Resiliency Finance Center
- Christopher Pomeroy, AquaLaw PLC
- Steve Rowe, Newtrient
- Jason Masoner, US Geological Survey

### Open Discussion, Feedback, and Forum Summary



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## Stormwater Institute Programs

- National Municipal Stormwater and Green Infrastructure Awards
  - Nomination Deadline Monday, May 4<sup>th</sup>
  - <https://wefstormwaterinstitute.org/programs/ms4awards/>
- National MS4 Needs Assessment Survey
  - Accepting responses through the end of May
  - <https://wefstormwaterinstitute.org/programs/ms4survey/>



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## Stormwater Digital Conference

Available Now! An online course featuring recorded videos from the presentations set to present at the National Stormwater Symposium. The following five sessions provide a wide range of engaging and innovative topics:

- Stormwater Worldwide
- Performance of Post-Construction Control Measures
- Influence and Action - Outreach, Education, and Training Strategies
- Program Development, Planning, Management, and Analysis
- Sustainable Solutions to Climate and Flooding

<https://www.wef.org/resources/online-education/digitalprogramming/>



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## Federal Legislative Update

- **America's Water Infrastructure Act Provisions**
  - CWA SECTION 221 -- SEWER OVERFLOW AND STORMWATER REUSE MUNICIPAL GRANTS
  - STORMWATER INFRASTRUCTURE FINANCING TASKFORCE
- **Integrated Planning Legislation**
  - BILL CODIFYING INTEGRATED PLANNING
  - ESTABLISHING AN EPA OFFICE OF MUNICIPAL OMBUDSMAN
  - AFFIRMED GREEN INFRASTRUCTURE APPROACHES AS PART OF IPS.
- **Clean Watershed Needs Survey**

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## Fiscal Year 2021 Appropriations Update

Program	FY19 Omnibus	FY20 Final	Pres. FY21	FY21 Asks	Function	Program
Clean Water SRF	\$1.7B	\$1.6B	\$1.1B	\$1.6B x 2	Wastewater & Stormwater Loans	Clean Water SRF
Drinking Water SRF	\$1.2B	\$1.1B	\$863M	\$1.95B*	Drinking Water Loans	Drinking Water SRF
WIFIA	\$68M	\$60M	\$25M	\$50M*	All Water Infrastructure Loans	WIFIA
USDA Loans & Grants	\$2.02B	\$1.45B	\$1.1B	\$1.6B	Rural Communities Loans and Grants	USDA Loans & Grants
Water Workforce Grants		\$1M	\$1M	\$1M*	Workforce Grants	Water Workforce Grants
AWIA – Sewer Overflow Control Grants		\$28M	\$61M	\$225M*	Grants for CSO, SSO, and SW Infrastructure	AWIA – Sewer Overflow Control Grants

\* = Authorized level

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## Key Bills to Watch

- Coronavirus Economic Stimulus Package
- WRDA 2020 - *Coming Spring 2020!*
  - CW SRF Reauthorization
  - WIFIA Reauthorization
  - CSO, SSO, SW Grant Program Reauthorization
- H.R. 1497 - Water Quality Protection and Job Creation Act of 2019, by Rep. Peter DeFazio
- H.R. 1764 - NPDES permit terms extension legislation, by Rep. John Garamendi

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## Water Week Activities Overview



### Water Advocacy Update and How to Virtually Lobby Congress

- April 22<sup>nd</sup>, 2-3 PM
- Water Week prep webcast co-hosted by WEF, NACWA, WRF, and WaterReuse Assoc.
- <https://www.wef.org/WaterWeekUpdate2020/>

### Water Week 2020, Insights from Washington, DC

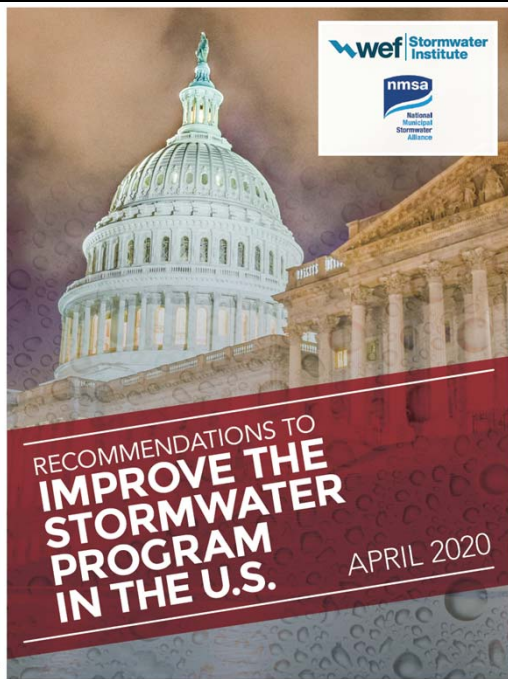
- April 29<sup>th</sup>, 2-3:30 PM
- Co-hosted by all 15 Water Week partner associations
- <https://bit.ly/ww-20reg>

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## Overview of SW Ask Document History

- Previous versions in 2018 and 2019
- Successes include Stormwater Financing Taskforce, funding for EPA Needs Survey, and new CSO, SSO and SW grant program (EPA Sewer Overflow Control Grants)
- Reviewed by WEF Stormwater Institute, WEF Stormwater Committee, WEF Government Affairs Committee, and National Municipal Stormwater Alliance

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## Four Core Recommendations

- 1) SW Infrastructure Funding Tools
- 2) Stormwater Treatment System Verification Program Funding
- 3) Funding for Update and Publication of Atlas 14 at a Regular Interval
- 4) Enable Comprehensive Source Control for SW Pollution

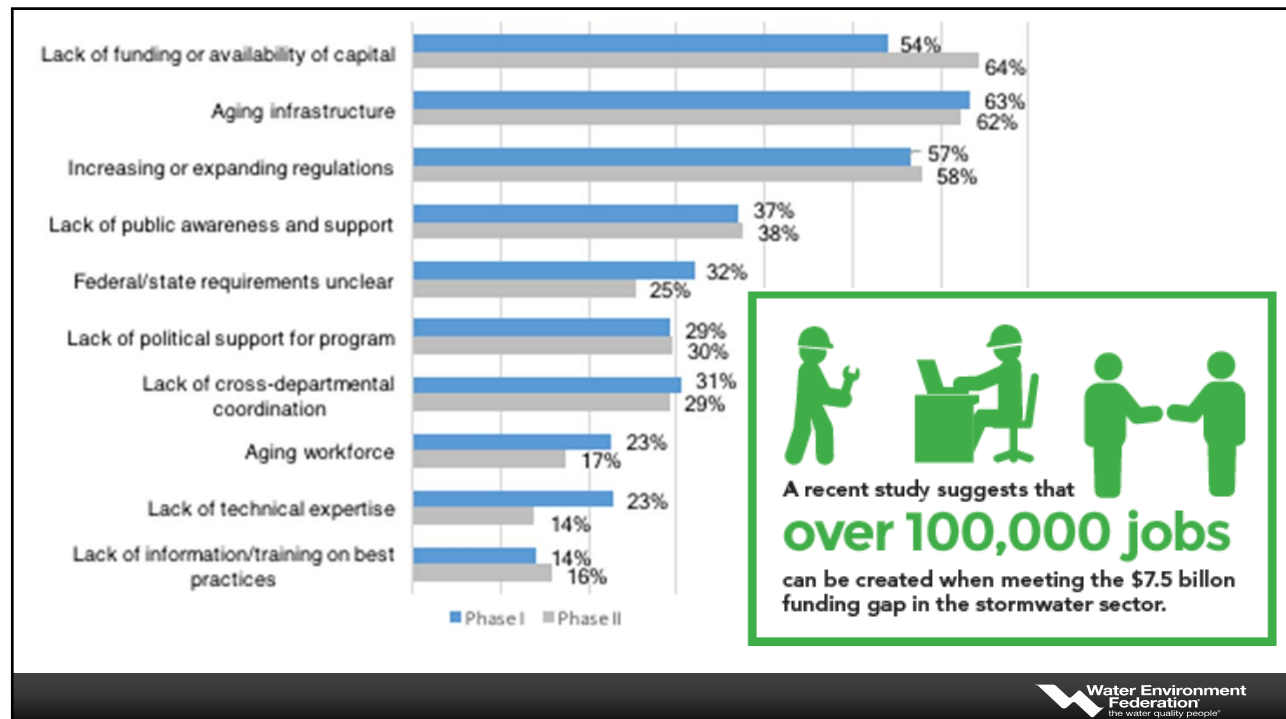
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## Recommendation 1: Stormwater Infrastructure Funding Tools

Technical Assistance Grants to Communities, States and EPA Regions to create funding sources

- Increase Funding and Improve Access to Clean Water SRF Funding and 319 grants
- Support Innovative Stormwater Infrastructure Financing Approaches, such as Community-Based P3
- Recommendations from the EPA Stormwater Infrastructure Finance Task Force Report to Congress
  - <https://www.epa.gov/waterfinancecenter/efab-report-evaluating-stormwater-infrastructure-funding-and-financing>

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## Recommendation 2: Stormwater Treatment System Verification Program Funding

Support for Testing and Evaluation Program for Stormwater Products/Practices

- Lack of national testing and verification of performance program in stormwater limits innovation and confidence in investments in stormwater infrastructure.
- Focus should include public domain practices, including green infrastructure, as well as manufactured products.
- Performance should encompass long-term/maintenance aspects as well as short term efficacy.
- *Request: Provide funding to EPA Regions to develop a national performance verification program for stormwater control measures (SCMs).*



Goodharbour Labs, 2020



Washington Stormwater Center, 2020

**Water Environment Federation**  
the water quality people®

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## Recommendation 3: Funding for Update and Publication of Atlas 14 at a Regular Interval

NOAA Atlas 14 Program

- Provides precipitation frequency estimates
- An update of the TP-40 program
- Initiated in 2004
  - Most of country covered at this point
- Update of Texas info is a recent example
- Major economies of scale potential
- Need consistent and nation-wide updating
- *Request: Provide funding to NOAA to fully support the application and update of the Atlas 14 (precipitation frequency estimates) country-wide every decade.*



NOAA, 2020



NOAA Atlas 14



Precipitation-Frequency Atlas of the United States

Volume 6 Version 2.3:  
California

Santa Perica, Sarah Dietz, Sarah Heim, Lillian Hiner, Kazunori Makino, Deborah Martin, Sandra Pavlovic, John Roy, Carl Trappala, Dale Ulrich, Fenglin Yan, Michael Fields, Tai Zhao, Geoffrey Bonnin, Daniel Brewer, Li-Chuan Chen, Tye Parajolik, John Yantow

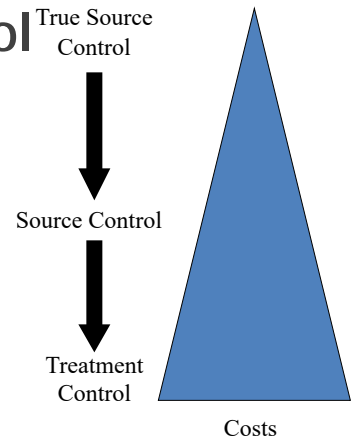
NOAA, 2020

**Water Environment Federation**  
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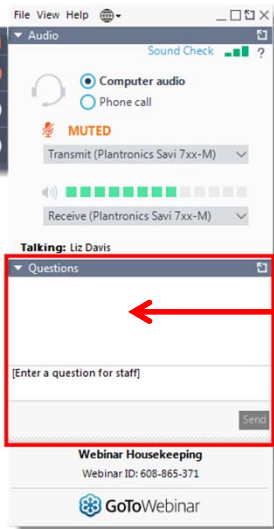
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# Recommendation 4: Source Control

- True scope of stormwater pollution problem is unknown:
  - 48 Million organic and inorganic substances
  - 35 Million of these commercially available
  - About 250,000 of these inventoried or regulated
  - About 12,000 new substances added each day
- Current regulatory system is reactive, based on proxies
- 'Ask':
  - Congress to direct EPA to review authority under CWA and TSCA to control stormwater pollutants at the source
  - Assist states in developing pollutant source control programs



## Q&A via Chat Function



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