

A black and white photograph showing two workers in hard hats and safety gear working on a large, dark pipe being installed in a trench. One worker is kneeling on the pipe, and the other is standing next to it. The pipe is surrounded by concrete walls and soil.

WATER FINANCE CLEARINGHOUSE

ONE STOP SHOP FOR ALL THINGS
WATER FINANCE

EPA's Water Infrastructure and Resiliency
Finance Center

www.epa.gov/wfc



Water Infrastructure and Resiliency Finance Center

The Water Finance Center is an **information and assistance center**, helping communities make informed decisions for **drinking water, wastewater, and stormwater infrastructure** to protect human health and the environment.



Research

Advise

Innovate

Network

<https://www.epa.gov/waterfinancecenter>

PAST WEBINARS

WEBINAR SERIES FOR WATER & WASTEWATER UTILITIES

DISASTER RECOVERY FINANCING

Learn how states and communities use SRF, FEMA, and other financing approaches to recover from a disaster. Utility and state speakers share their tips and examples. The webinar was held on November 22, 2016.

<https://www.epa.gov/waterfinancecenter/disaster-recovery-financing-water-and-wastewater-utilities-webinar>

RESILIENCE MITIGATION FINANCING

Find tools and financing resources to conduct resilience planning and to mitigate impacts before a disaster strikes. Utilities share stories about investing in resilient infrastructure. The webinar was held on December 7, 2016.

<https://www.epa.gov/waterfinancecenter/resilience-mitigation-financing-water-and-wastewater-utilities-webinar>

A vertical poster for the EPA Webinar Series. At the top, it says 'Water Infrastructure and Resiliency Finance Center and Water Security Division' and features the EPA logo. Below this is a blue banner with three circular icons: a lightning bolt, a dollar sign, and a house with a water drop. The background of the poster is an aerial view of a flooded residential area. The text 'FREE EPA WEBINAR SERIES' is prominently displayed, followed by the title 'Financing for Disaster Recovery & Resilience Mitigation for Water and Wastewater Utilities'. A registration link is provided: 'REGISTER NOW: http://ow.ly/RvEp305wSt2'. The poster is divided into two columns. The left column is for 'Disaster Recovery Financing' on November 22, 2016, from 1:00-2:30 pm Eastern. It describes how states and communities use SRF, FEMA funds, and other financing approaches to recover from a disaster. The right column is for 'Resilience Mitigation Financing' on December 7, 2016, from 1:00-2:30 pm Eastern. It focuses on tools and financing resources to conduct resilience planning and to mitigate impacts before a disaster strikes. Both columns list speakers. At the bottom, there are four small images: a boat on a river, a storm cloud, a pile of rubble, and a flooded landscape.

Water Infrastructure and Resiliency Finance Center
and Water Security Division

EPA
United States
Environmental Protection
Agency

FREE EPA WEBINAR SERIES
Financing for Disaster Recovery & Resilience
Mitigation for Water and Wastewater Utilities

REGISTER NOW: <http://ow.ly/RvEp305wSt2>

Disaster Recovery Financing	Resilience Mitigation Financing
November 22, 2016 1:00-2:30 pm Eastern	December 7, 2016 1:00-2:30 pm Eastern
Describes how states and communities use SRF, FEMA funds, and other financing approaches to recover from a disaster. Utility and state speakers will share tips and examples.	Focuses on tools and financing resources to conduct resilience planning and to mitigate impacts before a disaster strikes. Utilities will share stories about investing in resilient infrastructure.
Speakers: <ul style="list-style-type: none">• Brandon Sweezy, U.S. Federal Emergency Management Agency (FEMA)• David Zimmer, New Jersey Environmental Infrastructure Trust• Bob Fisher, Bayshore Regional Sewerage Authority• Joy Eldredge, City of Napa	Speakers: <ul style="list-style-type: none">• David Goldbloom-Helzner, EPA Water Security Division• Brad Bartholomew, Utah State Hazard Mitigation Officer and John Masek, VIE Consultants• Don Palmer, Emerald Coast Utilities Authority and David Carr, Baskerville-Donovan, Inc.

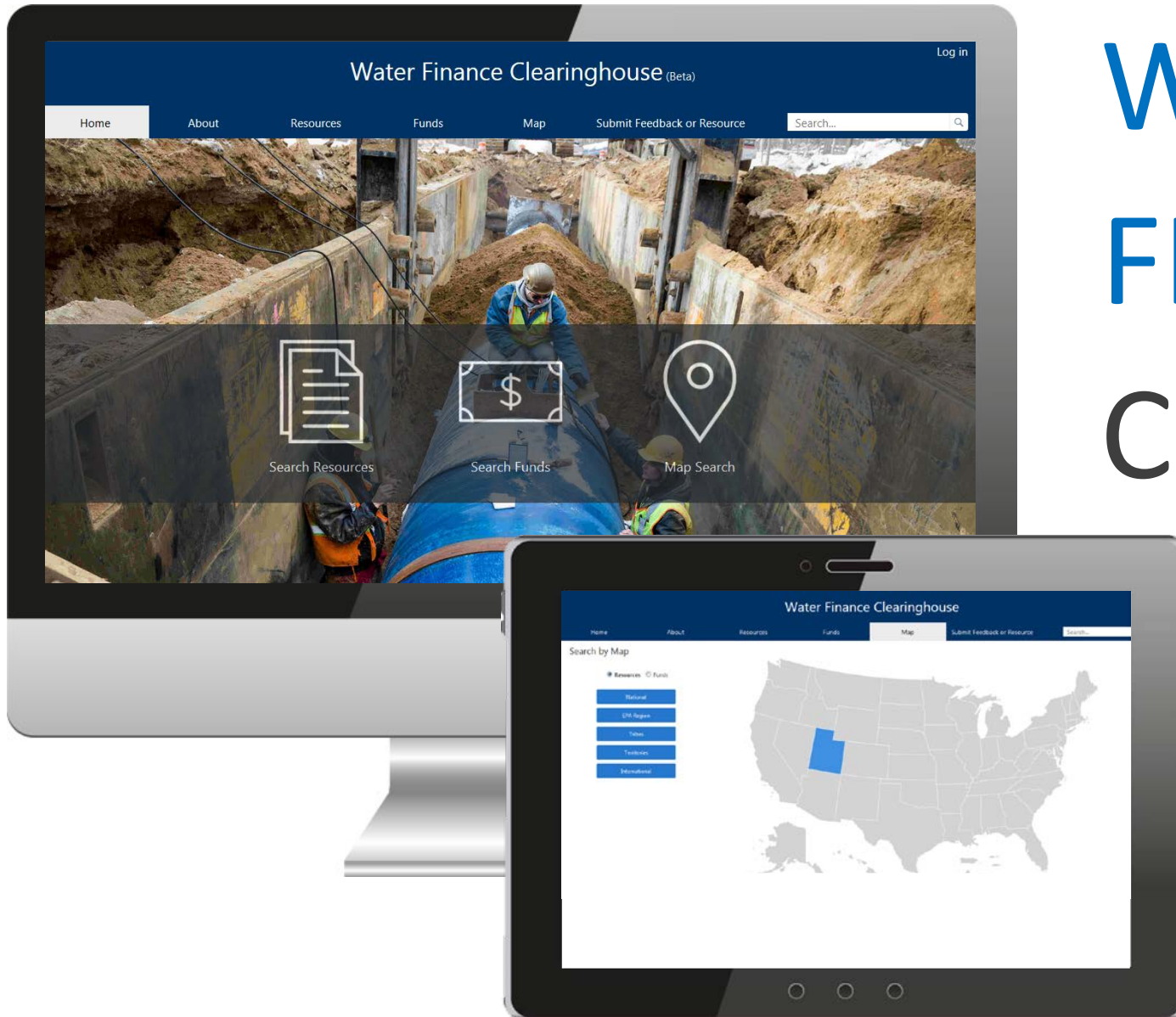
SRFs & DROUGHT RESILIENCY

- Paper explores CWSRF and DWSRF in 13 western states
- Identify how states are using SRF to address and prepare for drought
- Financial assistance & activities for:
 - Water conservation & efficiency
 - Water reuse
 - Leak detection and repair
 - Irrigation modernization
 - Aquifer storage/recovery
 - Source water protection



<https://www.epa.gov/waterfinancecenter/state-revolving-funds-financing-drought-resilient-water-infrastructure-projects>

WATER FINANCE CLEARINGHOUSE



Meeting the Needs of Key Stakeholders

The Water Finance Clearinghouse is an **easily navigable web-based portal** that helps communities locate **information** and **resources** that will assist them in making **informed decisions** for their drinking water, wastewater, and stormwater infrastructure needs.

CONTENT



WATER FINANCE RESOURCES

Reports, websites, trainings,
and other types of
information about water
infrastructure financing.



WATER FUNDING SOURCES

Current federal, state, local,
private, or other sources of
funding for water
infrastructure projects.

CONTENT

Essential Resources and Information in the Clearinghouse

RESOURCES

- Reports
- Webinars
- Case Studies
- Videos
- Websites
- Trainings
- Guides
- Outreach
- Presentations
- Events
- Feasibility Studies
- Resource Lists
- Tools
- Other

FUNDING SOURCES

- **Federal funding** – grants and loan programs that support water infrastructure project development and construction
- **Regional funding** opportunities
- **State funding** – grant and loan programs
- **Foundation** opportunities
- **NGO**

QUALITY OVER QUANTITY



FOCUS ON WATER FINANCE

All resources should have a strong emphasis on financing, funding, capacity development etc.

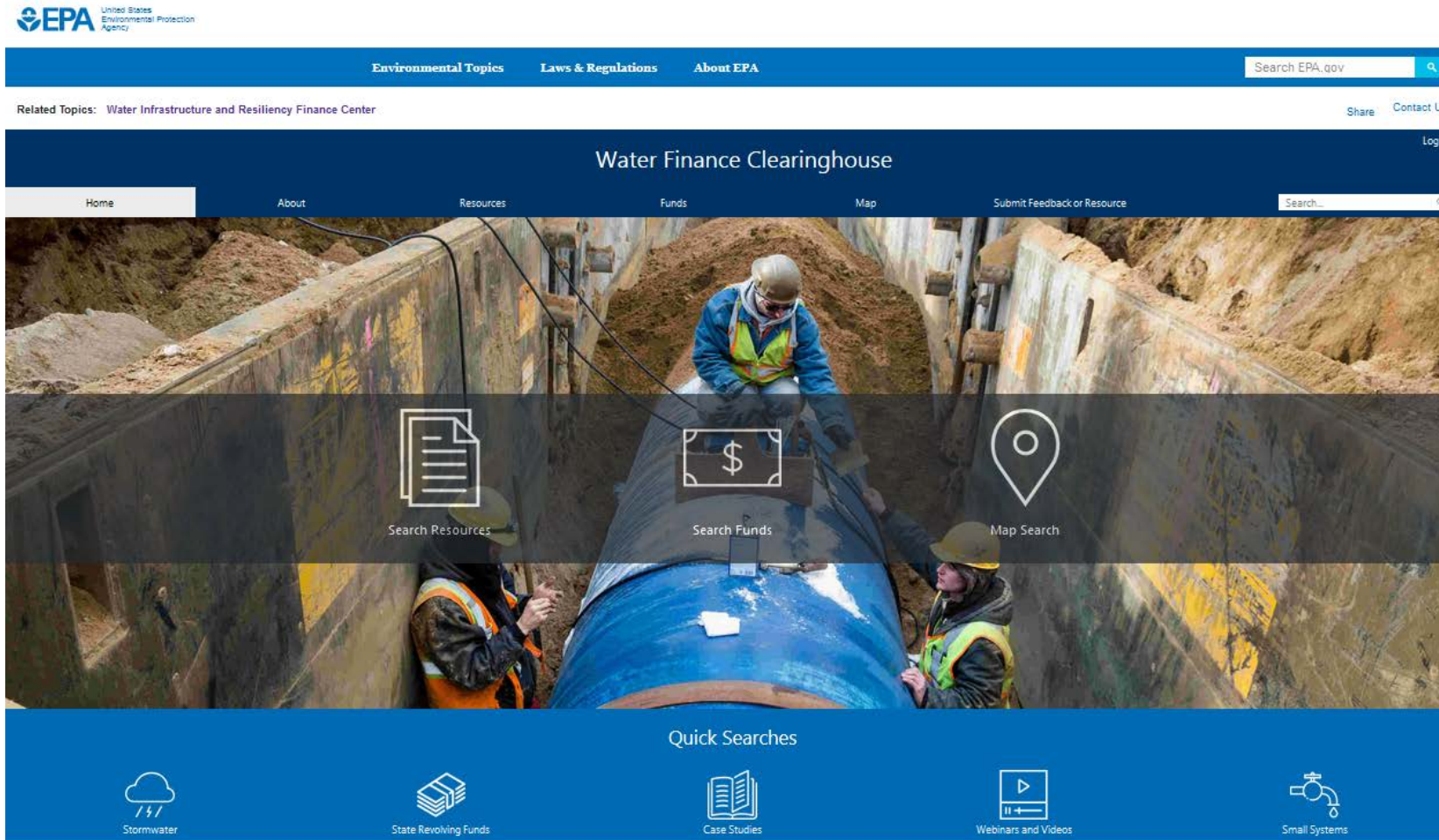
EASY TO LOCATE INFORMATION

Will NOT accept reports or guides that contain only a short section on funding.

FREE OF CHARGE

No resources in the Water Finance Clearinghouse should require users to pay for access.

WATER FINANCE CLEARINGHOUSE



- 2 Databases in 1
 - Funds
 - Resources
- Can search multiple ways:
 - Resources Icon/Tab
 - Funds Icon/Tab
 - Map Search
 - Global Search – searches both databases using key word/s
 - Quick Searches (applies filters for user)

MAP SEARCH



Key Features:

- Users can click on any state – will populate search results for resources tagged for that state.

SEARCH RESOURCES

Log in

Water Finance Clearinghouse (Beta)

Home

About

Resources

Funds

Map

Submit Feedback or Resource

Search...

Resource Search Results: [Apply search filters below to narrow your resources](#)

Sectors

Funding Sources

Financing Approaches

Special Topics

Scope

Author

Resources Types

Dates

Q v

Search

Download

Rows 50

1 - 50 of 533

Resource Title	Author	Description	Resource Type	Year
U.S. Economic Development Administration Funding Opportunities	U.S. Economic Development Administration (EDA)	Website with current funding opportunities available for economic development. Opportunities vary, but can include technical assistance for feasibility studies and impact development as well as for public works programs.	Website, Resource List	2017
SEARCH - Special Evaluation Assistance for Rural Communities and Households	U.S. Department of Agriculture (USDA) - Rural Development	Website provides overview of SEARCH program	Website	2017
Pennsylvania Department of Community and Economic Development	Pennsylvania Department of Community and Economic Development	Searchable website that filters funding programs for businesses, communities, and local governments in Pennsylvania across a range of sectors.	Website	2017

Key Features:

- Drop-down filters at the top of the search results.
- Information Displayed:
 - Clickable Resource Title
 - Author
 - Brief Description
 - Resource Type
 - Year

RESOURCES: FILTER DROP-DOWN MENU

Water Finance Clearinghouse (Beta) Log in

Home About **Resources** Funds Map Submit Feedback or Resource Search...

Resource Search Results: We've found 173 resources that match your filter

Filters **Drinking Water** **Wastewater** Remove all Filters

Sectors Funding Sources Financing Approaches Special Topics Scope Author Resources Types Dates

☐ Combined Sewer System ☐ Green Infrastructure ☐ Groundwater ☐ Stormwater
☒ **Drinking Water** ☐ Greywater ☐ ReUse ☒ **Wastewater**

Apply Filters

Download Rows 50

1 - 50 of 173

Resource Title	Author	Description	Resource Type	Year
U.S. Economic Development Administration Funding	U.S. Economic Development	Website with current funding opportunities available for economic development. Opportunities vary, but can include	Website, Resource List	

Users can apply multiple filters by clicking on the gray tabs & selecting filters.

RESOURCES: FILTER DROP-DOWN MENU

The screenshot shows the Water Finance Clearinghouse (Beta) website. The top navigation bar includes links for Home, About, Resources (selected), Funds, Map, and Submit Feedback or Resource, along with a search bar. Below the navigation bar, a message states: "Resource Search Results: We've found 173 resources that match your filter". A "Filters" section displays two active filters: "Drinking Water" and "Wastewater", each with an "X" icon to remove it. A third button, "Remove all Filters", also has an "X" icon. An orange arrow points from the "Remove all Filters" button to a text box on the right. Below the filters, a "CLOSE X" button is visible. The main content area shows a list of resources with columns for Resource Title, Author, Description, Resource Type, and Year. The first resource listed is "U.S. Economic Development Administration Funding".

Water Finance Clearinghouse (Beta)

Home About Resources Funds Map Submit Feedback or Resource Search...

Resource Search Results: We've found 173 resources that match your filter

Filters Drinking Water X Wastewater X Remove all Filters X

Sectors Funding Sources Financing Approaches Special Topics Scope Author Resources Types Dates

CLOSE X

☐ Combined Sewer System ☐ Green Infrastructure ☐ Groundwater ☐ Stormwater
☒ Drinking Water ☐ Greywater ☐ ReUse ☒ Wastewater

Apply Filters

Download Rows 50

1 - 50 of 173

Resource Title	Author	Description	Resource Type	Year
U.S. Economic Development Administration Funding	U.S. Economic Development	Website with current funding opportunities available for economic development. Opportunities vary, but can include...	Website, Resource List	

Users can apply multiple filters by clicking on the gray tabs & selecting filters.

Can remove individual or all filters by clicking on the "X".

SEARCH FUNDS

Water Finance Clearinghouse (Beta)

Log in

Home

About

Resources


Funds


Map


Submit Feedback or Resource


Search...

Funds Search Results: [Apply search filters below to narrow your funding sources](#)

Funding Sources

Sectors

Eligible Uses

Eligible Applicants

Q v

Search

Download

Rows 50

1 - 50 of 408

Program Name	Source	Description	How To Apply	Current Funding Level	Contact
Drinking Water State Revolving Fund (DWSRF)	Wyoming Department of Environmental Quality	The Drinking Water State Revolving Fund (DWSRF) makes loans to public entities for improvements of drinking water systems, including source, treatment plant, storage tank, and transmission and distribution line projects.	SRF loan application forms are available on the internet at the OSLI SRF website or directly from OSLI. For more detailed instructions, visit the website.		<div>Beth Blackwell elizabeth.blackwell@wyo.gov 307-777-6373</div> <div>Office of State Lands and Investments Herschler Building, 3W 122 West 25th Street Cheyenne, WY, 82002</div>
Clean Water State	Wyoming Department of	The Clean Water State Revolving Fund	SRF loan application forms are available on the internet at the OSLI SRF website		<div>Beth Blackwell elizabeth.blackwell@wyo.gov</div>

Key Features:

- Drop-down filters at the top of the search results.
- Information Displayed:
 - Clickable Funding Option
 - Source
 - Description
 - How to Apply
 - Current Funding Level
 - Contact Information

KEY CLEARINGHOUSE FEATURES

The screenshot displays the 'Water Finance Clearinghouse (Beta)' website. The navigation bar includes links for Home, About, Resources, Funds (selected), Map, and Submit Feedback or Resource, along with a search bar and a 'Log in' button. Below the navigation bar, a message states: 'Funds Search Results: We've found 6 funding sources that match your filter'. Filters for 'Ohio' and 'Capital Projects' are active, with a 'Remove all Filters' button. The main content area is divided into three sections: 'Funding Sources', 'Search', and 'Eligible Applicants'. The 'Funding Sources' section contains a table with columns 'Program Name' and 'Source'. The 'Search' section is highlighted with an orange box, showing an 'Export Your Results' button. The 'Eligible Applicants' section shows a list of applicants with contact information. A Firefox dialog box is open in the center, titled 'Opening funds_report.csv', asking the user to choose how to open the file. The dialog shows the file is a 'Microsoft Excel Comma Separated Values File (2.9 KB)' from 'https://ofmpub.epa.gov'. The user has selected 'Open with Microsoft Excel (default)'. The dialog also includes options to 'Save File' and a checkbox for 'Do this automatically for files like this from now on.'.

Water Finance Clearinghouse (Beta)

Home About Resources Funds Map Submit Feedback or Resource Search...

Funds Search Results: We've found 6 funding sources that match your filter

Filters Ohio X Capital Projects X Remove all Filters X

Funding Sources Search Eligible Applicants

Export Your Results

Program Name Source

Rural Water Loan Fund National Rural Water Association (NRWA)

Community Development Program Ohio Development Services Agency

can Tribes, nonprofit

community development resource that can be used to

Areas (https://development.ohio.gov/mies/cs/CD%20Field%20Reps%20Aug%202016.pdf).

77 South High Street

Opening funds_report.csv

You have chosen to open:

funds_report.csv

which is: Microsoft Excel Comma Separated Values File (2.9 KB)

from: https://ofmpub.epa.gov

What should Firefox do with this file?

☒ Open with Microsoft Excel (default)

☐ Save File

☐ Do this automatically for files like this from now on.

OK Cancel

Key Features:

- Export search results at any time to an excel file – includes hyperlink.
- Search within search results.
- Reorganize search results by clicking on column header.
- Remove columns of information for customizable display.

GENERAL USER ACCOUNT

Water Finance Clearinghouse (Beta)

Home About Resources

Login Create Account

Create Account

To create a Water Finance Clearinghouse account, please fill out the form below. This information will be used to review your request and will not be shared outside of EPA.

Account Option

☒ General ☐ Contributor

Work Email

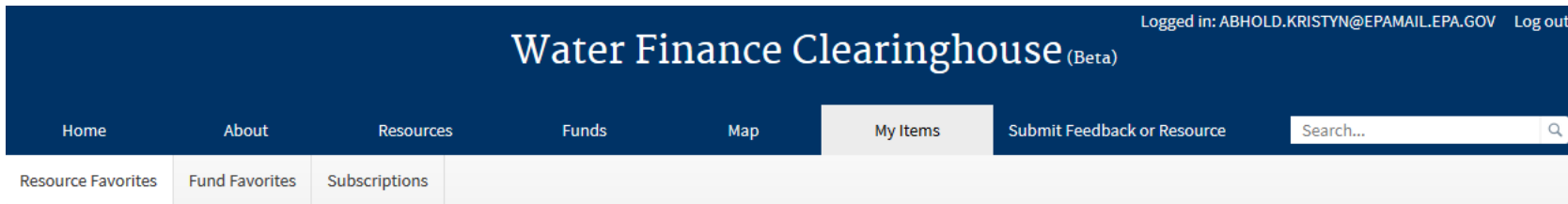
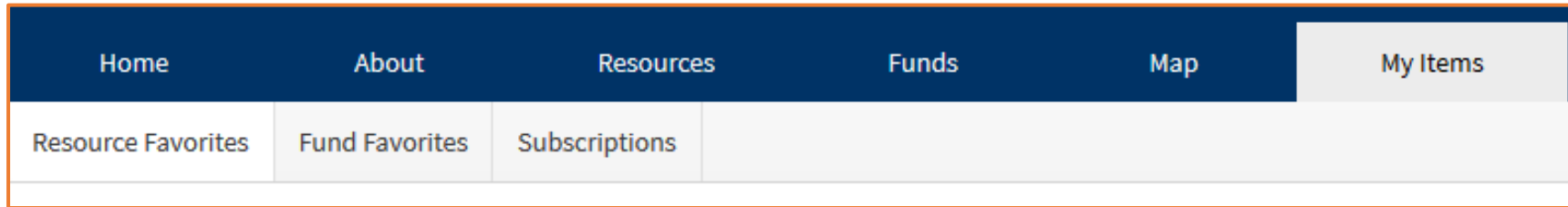
Submit Request

Search Resources Search Funds Map Search

Create a “General User” Account:

- Click on “Create Account” and select “General”
- Type in your email address and click “Submit”
- General Users can:
 - Favorite resources and funding sources for quick access at any time
 - Subscribe to receive email updates for new additions/edits to specific filters options.

GENERAL USER - MY ITEMS



Q	Go	Export Your Results	Rows	50
1 - 3				
	Resource Title	Author	Description	
★	Utilizing SRF Funding for Green Infrastructure Projects	EPA Environmental Financial Advisory Board	The report considers the historic agreement between EPA and the City of Philadelphia to meet clean water goals with state-of-the-art green infrastructure project solutions and the limited involvement of the Clean Water State Revolving Funds (the "CWSRFs"). The purpose of the report is to analyze the potential of the CWSRFs to provide credit guarantees to green infrastructure projects within current program eligibilities and resources.	
★	SRF Investment Function: Current Status and Prospects for Enhancing SRF Sustainability	EPA Environmental Financial Advisory Board	The purpose of this report is threefold: (1) to assess state SRF administrator's current authority and use of the investment function in managing SRF programs; (2) to identify and assess state-of-the-art investment practices and strategies currently being used and (3) consider the benefits of expanded SRF investment authority of SRF performance.	
★	Developing Dedicated Stormwater Revenue	EPA Environmental Financial Advisory Board (EFAB)	This report examines ways that the Water Infrastructure and Resiliency Finance Center (WIRFC) can help local governments develop dedicated stormwater revenue mechanisms. The Board recommends that that WIRFC help local governments determine costs, evaluate revenue options, examine equity and affordability concerns, create a frame-work for collecting and segregating revenues, use technology in determining costs, and communicating effectively with stakeholders.	

When logged-in as a General User, in the “My Items” tab you can:

- View
 - Favorite Resources.
 - Favorite Funding Sources.
- You can “favorite” items by clicking on the STAR icon on the left-side of each Clearinghouse entry.
- Un-favorite by deselecting STAR icon

GENERAL USER - MY SUBSCRIPTIONS

Water Finance Clearinghouse (Beta)

Logged in: ABHOLD.KRISTYN@EPAMAIL.EPA.GOV Log out

HomeAboutResourcesFundsMapMy ItemsSubmit Feedback or Resource

Search...

Resource FavoritesFund FavoritesSubscriptions

You are subscribed to receive email notifications for new additions of content to the Water Finance Clearinghouse with any of the following labels.

Resources

California XConservation Financing XAffordability X

Funds

EPA XCalifornia X

I would like to receive email notifications

☐ Daily

☐ Weekly

☐ Monthly

Resource Subscription

Unsubscribe

Resource Types

☐ Article☐ Case Study☐ Event☐ Feasibility Study

☐ Guide☐ Other Resource Type☐ Outreach☐ Presentation

☐ Regulation☐ Report☐ Resource List☐ Tool

☐ Training☐ Video☐ Webinars & Videos☐ Website

Scope

☐ National☐ Tribes & Alaskan Native Villages☐ International

Community Population Size

☐ Small (less than 10,000)☐ Medium (10,000 – 99,999)☐ Large (100,000 and above)

Funding Subscription

Unsubscribe

Sectors

☐ Agriculture☐ Animal Agriculture☐ Combined Sewer System☐ Drinking Water Systems

☐ Green Infrastructure☐ Greywater☐ Groundwater☐ Private Drinking Water Wells

☐ ReUse☐ Septic/Decentralized☐ Stormwater☐ Wastewater Utilities

Eligible Uses

☐ Capital Projects☐ Conservation☐ Contaminated Site Remediation☐ Planning & Predevelopment☐ Resiliency & Hazard Mitigation

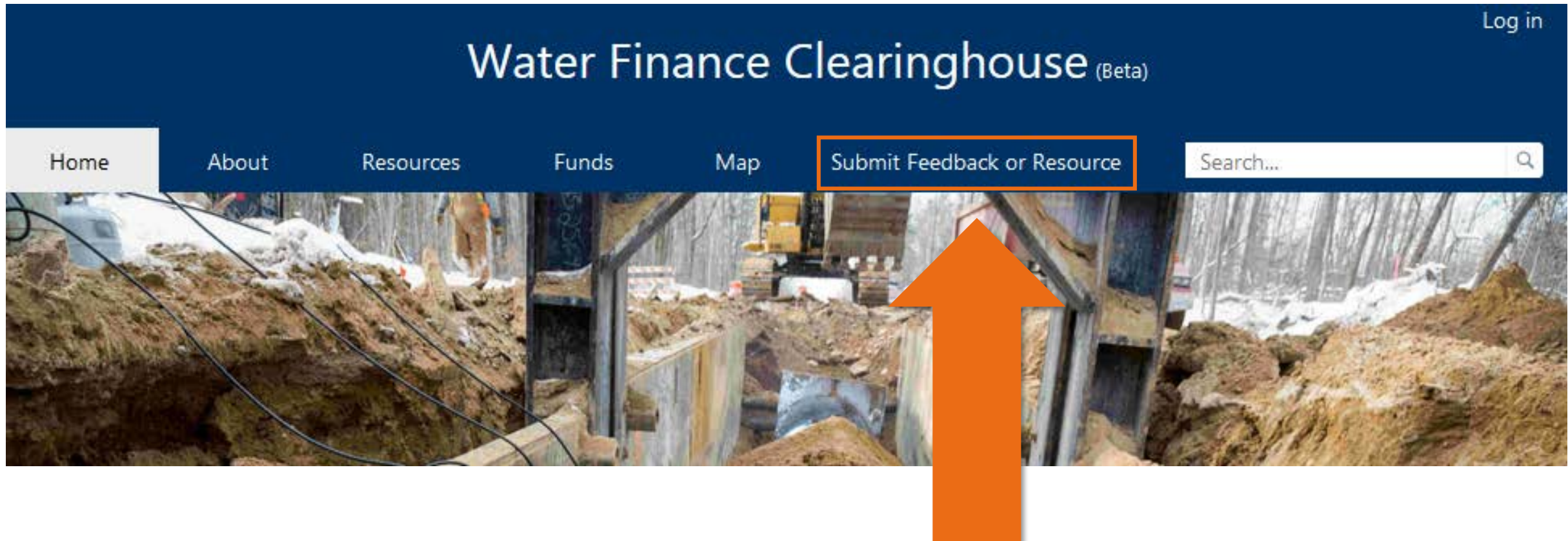
☐ Green Projects☐ Home Repairs & Upgrades☐ Operations & Maintenance

Under “My Subscriptions” in the “My Items” tab, General Users can:

- Track and manage email subscriptions.
- You can select filter options for email notifications.
- You can set email frequency.

GENERAL USER FEEDBACK

- Users can provide general feedback – report a broken link, desired content, etc.
- Users can suggest new resources and funding sources be added to the Clearinghouse.



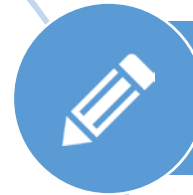
MAINTENANCE

2-Pronged Approach

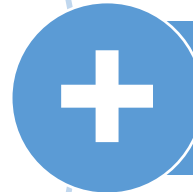
EPA Staff
Annually/Bi-annually

Clearinghouse
Contributors

Desired Contributors:
Individuals who represent entities that routinely publish or produce water finance-specific resources and/or those that manage water funding sources.



Suggest edits to existing content in the Clearinghouse.



Suggest additions of new resources and/or funding sources.



Suggest removal of resources and/or funding sources.



LOOKING FORWARD

The Water Finance Clearinghouse will be maintained and content expanded over time.

LEARNING MODULES

The Water Finance Center is developing step-by-step guides on specific water finance topics: Water loss financing, disaster recovery & resiliency financing, State Revolving Funds 101, financing decentralized systems, etc.

WATER FINANCE DATA

Incorporate data and analytics of water infrastructure investments made in the United States – through SRFs, other federal programs, and the market (muni bonds). May include water infrastructure needs data.

CLEARINGHOUSE 2.0

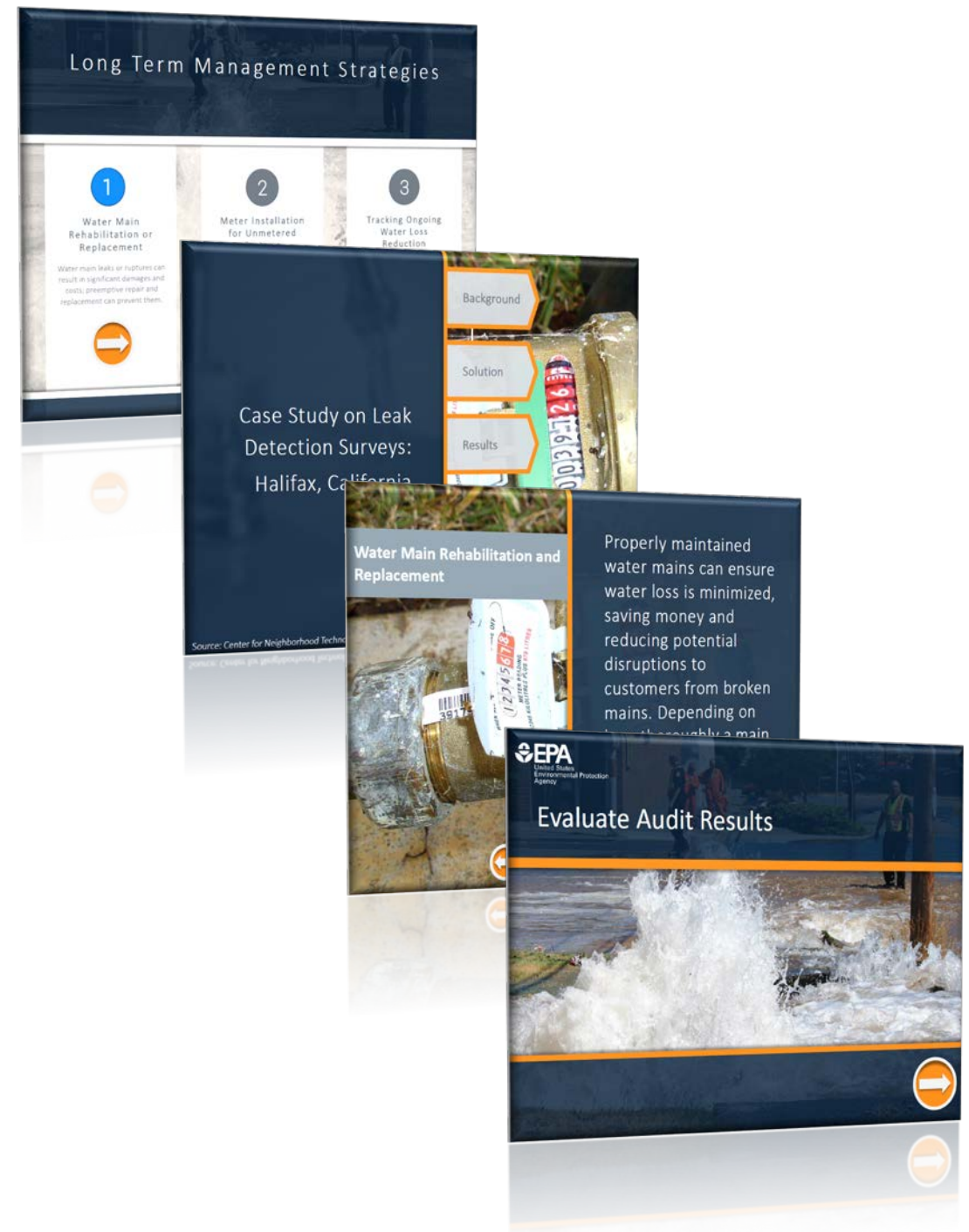
Soliciting recommendations and ideas for how to make the Clearinghouse even better for key stakeholders. What would you like to see?

CLEARINGHOUSE LEARNING MODULES

The Water Finance Center is developing step-by-step interactive guides on specific water finance topics that will be housed in the Water Finance Clearinghouse:

- SRF 101
- Water loss financing
- Disaster recovery and resiliency financing for water and wastewater utilities
- Stormwater financing
- Financing municipal watershed partnerships with agriculture
- Financing decentralized wastewater systems
- Public-Private-Partnerships

External expert stakeholders will be engaged to provide feedback and additional content before public release in the Water Finance Clearinghouse.



CONTACT



Visit the Site

www.epa.gov/wfc



EPA Clearinghouse Contact

Kristyn Abhold
Abhold.Kristyn@epa.gov



Phone

202.566.2730