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2023

STORMWATER
INNOVATION
E X P O

October 18, 2023
Roger Williams Park

RHODE ISLAND
GREEN INFRASTRUCTURE
COALITION

Hosted by the Rhode Island Green Infrastructure Coalition, Stormwater Innovation Center, Rhode Island Public Works Association, American Planning Association RI Chapter, and Providence Parks Department



10/18/23

Welcome to our Fifth Annual Stormwater Innovation Expo!

Throughout today's event, we will be delving into insightful discussions, sharing innovative solutions, and learning from each other's experiences. I am confident that the knowledge and connections established today will have a lasting impact on our efforts to create more sustainable and resilient stormwater systems.

It is always a pleasure to see our stormwater professionals, elected officials, state and municipal staff, and engaged community members coming together to address the future of stormwater - which will continue to be a pressing issue given the guarantee of climate change and more frequent, severe storms.

As we move forward, let us continue to collaborate, exchange ideas, and work collectively to include green stormwater solutions. Once again, thank you for being a part of the 2023 expo, and I hope to see you all at our future endeavors to build a more sustainable and storm-ready future.

Thank you so much to our sponsors, exhibitors, volunteers, and vendors for making today possible - and thank YOU for being here!

A handwritten signature in blue ink that reads "S. Churgin".

Sara Churgin
RIGIC Executive Committee

We invite you to join the plenary session in the second floor ballroom at 9:00. Starting at 10:15, you have the choice to attend indoor or outdoor sessions on various topics. Feel free to move around to whichever sessions sound the most interesting to you!

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Alewife Stormwater Wetland, Cambridge, MA

***Thank you to the Rhode Island
Department of Transportation for
generously covering the cost of municipal
and state employees for this event!***

Indoor Program

- 8:30 Check-in, Light Breakfast, and Exhibits Open
- 9:00 *Welcome, Second Floor Ballroom*
Jed Thorp, Rhode Island Clean Water Action
- 9:15 *Keynote Remarks*
Clara Decerbo, Providence Emergency Management
- 10:00 *Creative Urban Streambank Restoration -
Lessons Learned from Centredale Superfund Site
Remediation along the Woonasquatucket River*
David Payne, Loureiro Engineering
Lee Carbonneau, Normandeau Associates, Inc.
Jacob Gorke, Woonasquatucket River Watershed Council
- 10:45 *Video Presentation by Holly Ewald*
Below and Above, A Floating Wetland Supports Life
- 11:00 *Using Nature-Based Solutions to Solve Water Resource
Challenges and Provide Community Value*
**Dean Audet, Shawna Little, Sara Morrison, Beth Kirmmse
Fuss & O'Neill, Inc.**
- 12:00 Lunch, Networking, and Exhibits
- 1:30 *Advancing Regional Consistency in Stormwater
Project Planning & Implementation*
Elizabeth Scott, Elizabeth Scott Consulting
- 2:00 *Stormwater Financing Panel*
Mary Tchamkina, Raftelis
Hillary Waite, Town of Braintree
Sheila Dormody, City of Providence
- 3:00 *New England Community-Driven Coastal Climate Research
& Solutions (3CRS) Hub*
Emanuele Di Lorenzo, Professor of Earth, Environmental,
and Planetary Sciences at Brown University

Program continues...

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Outdoor Program

8:30 - 10:00 Please join us for the indoor program.

10:15 *Algae as Indicators of Water Quality, The Good and The Bad*

Presenter: **Scott Ruhren**

Location A - Seal House

11:00 *Biopod: Water Purification, Citizen Science, & Community Action*

Presenters: **RISD Biopod Team (Katia Zolotovskiy, Avantika Velho, Varun Mehta, Manini Banerjee)**

Location B - Eastern Roosevelt Pond

11:30 *Ecosystems and Stormwater Mitigation in Your Backyard*

Presenters: **Lee Ann Freitas and Wenley Ferguson**

Location B - Eastern Roosevelt Pond

12:00 Lunch, Networking, and Exhibits Indoors

1:30 *Designing Natural Systems -*

Constructed Wetland with Native Plants

Presenters: **Horsley Witten Group (Ellen Biegert, Michael Easler, Katherine Feeney)**

Location C - Western Roosevelt Pond

2:00 *Roger Williams Park Ponds Stormwater Treatment Train*

Presenters: **Brandon Blanchard and Brian Byrnes**

Location C - Western Roosevelt Pond

2:30 *Phytotechnology Mechanisms: How Plants Do What They Do in Treatment Systems, and How to Use That in Design*

Presenter: **Renee Stoops**

Location B - Eastern Roosevelt Pond

3:00 *The Pond and Lake Connection -*

Lake Stewardship at Roger Williams Park

Presenter **Peter Grundy**

Location A - Seal House

Map on Next Page...

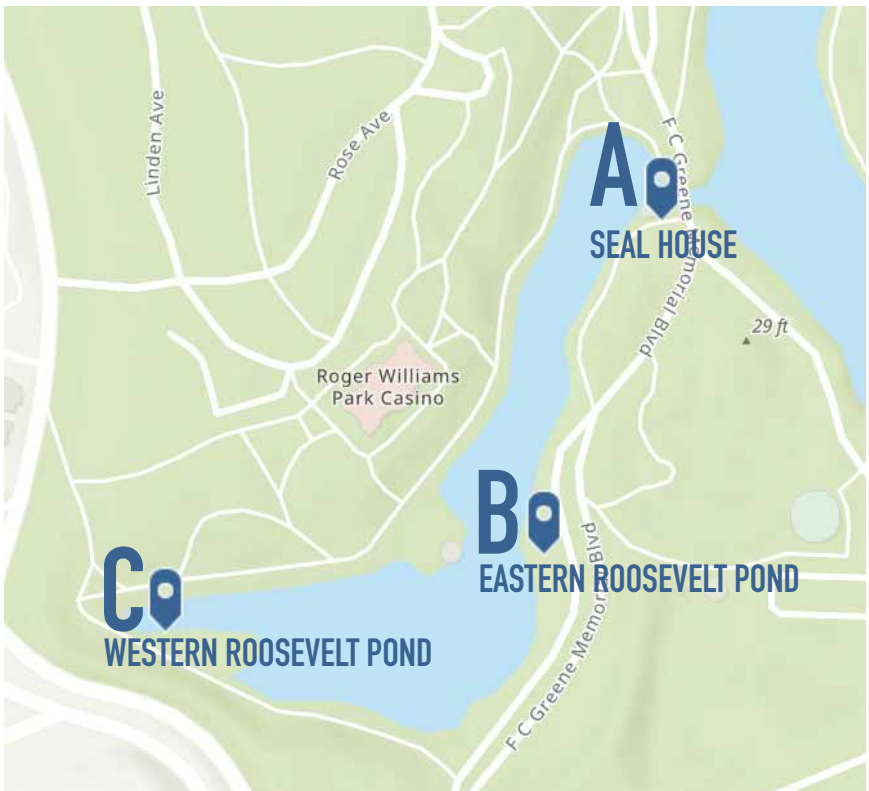
Outdoor Program

Morning and afternoon outdoor field presentations incorporate existing green infrastructure into a variety of stormwater management topics and discussions.

Presentations will be 15-20 minutes, with time for questions and to walk between sessions. We will have volunteers around the park to help guide attendees between locations.



Scan for
interactive
map!



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For more information contact:

Ryan DaPonte, P.E. (RI, MA, CT)
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Green Infrastructure works! Partnerships like the Farm Fresh RI Nature at Work project multiply the impact. Let's work together to transform Rhode Island.



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Thank you to our 2023 Expo Committee

- Sara Churgin, Eastern Rhode Island Conservation District
- Greg Gerritt, Activist, Writer, Forest Gnome, Nature Video Maker
- Ryan Kopp, Stormwater Innovation Center
- Alicia Lehrer, Woonasquattuck River Watershed Council
- Claire Nelson, Contemporary Clarity
- Rebecca Reeves, Stormwater Innovation Center
- Jed Thorp, Clean Water Action

RI Green Infrastructure Coalition Members

- Aquidneck Land Trust
- Audubon Society of RI
- BETA Group, Inc.
- Blackstone Parks Conservancy
- Blackstone River Coalition
- Blackstone Valley Tourism Council
- Blackstone Watershed Collaborative
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- RI Department of Environmental Management
- RI Department of Health
- RI Environmental Education Association
- RI Infrastructure Bank
- RI Nursery and Landscape Association
- Robial Water
- Office of the Governor
- Save Sand Pond
- Save the Bay
- Save The Lakes
- Sierra Club
- Southern RI Conservation District
- The Nature Conservancy
- The Trust for Public Land
- URI CRC/RI Sea Grant
- URI NEMO
- URI Outreach Center
- Wood Engineering
- Woonasquatucket River Watershed Council
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About The RI Green Infrastructure Coalition



The Green Infrastructure Coalition (GIC) includes not-for-profit organizations, architects, designers, builders, city planners and state and local policymakers as partners, who work together to promote nature based solutions for cleaning runoff pollution. Nature based solutions create pathways for rainwater, melting snow, and other run-off to avoid pavement and infiltrate into the earth.

If your organization is interested in joining the coalition please email info@greeninfrastructureri.org

For more information visit www.greeninfrastructureri.org

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