



JANUARY 2022

WATER PAGES eNEWSLETTER

**May every day of the new year inspire you to grow!
Happy New Year !
~Rutgers Cooperative Extension Water Resources Program~**



Green Infrastructure Training is Going Strong in 2022!

On Friday, January 14, 2022, the highly successful Green Infrastructure Champions Training Program returned for a fourth year with 67 participating in the first class, *How to identify green infrastructure projects in your town*.

The second of ten classes, *Moving from planning to implementation of green infrastructure*, is scheduled for Friday, January 28, 10AM - 12NOON, via a virtual format.

DID YOU REGISTER YET?

**What are you waiting for? It's not too late!
Become a leader, become a
Green Infrastructure Champion in 2022!**

2022 Training Program Class Schedule:

1. How to identify green infrastructure projects in your town (January 14)
2. Moving from planning to implementation of green infrastructure (January 28)
3. Maintaining green infrastructure practices/projects (February 11)
4. Stormwater management regulations, policies, and ordinances (February 25)
5. Green infrastructure planning and implementation for Sustainable Jersey points (March 11)
6. Green infrastructure projects for schools (March 25)
7. How to design and build a rain garden (April 8)
8. Retrofitting traditional detention basins with green infrastructure (April 22)
9. Developing green infrastructure master plans for an entire site or neighborhood (May 6)
10. Using green infrastructure to promote climate resiliency (May 20)

Registration is required; the fee is \$10/class, and attendance at a minimum of five (5) classes is needed for certification.

NOTE: Classes are recorded! The recordings will be sent to registrants shortly after each class is held.

This program is partially funded by the Rutgers **New Jersey Agricultural Experiment Station, The Geraldine R. Dodge Foundation, New Jersey Sea Grant Consortium,** and **William Penn Foundation** and is a collaboration of the **Rutgers Cooperative Extension Water Resources Program** and the Green Infrastructure Subcommittee of **Jersey Water Works.**

Contact **Hollie DiMuro (hollie.dimuro@rutgers.edu)** if you are interested in becoming a Green Infrastructure Champion.

Stormwater Tree Pit Guidance for the Use of Street Trees as Stormwater Management Tools

We are happy to announce the official release of our new stormwater street tree pit guidance. We worked with the **Rutgers Urban Forestry Program** and the **New Jersey Urban and Community Forestry Program** to develop guidance documents and example engineering details for stormwater tree pits. The idea is to combine the goals of urban forestry and stormwater management together. Street trees often fail to survive due to lack of sufficient water and uncompacted soil volumes. By integrating stormwater management with street trees, it can help guarantee sufficient water and soil volumes are included while also capturing and treating stormwater. Trees provide additional stormwater



benefits such as intercepting stormwater through their canopy as well as increasing infiltration and evapotranspiration.

The document contains a variety of guidance regarding all elements that should be considered when implementing stormwater tree pits and street trees in general. This includes methods for choosing appropriate locations, identifying opportunities for capturing stormwater, and design considerations for soil mediums to support surrounding pavement without compaction.

The stormwater tree pit guidance manual and associated attachments can be viewed and downloaded from our website at <http://water.rutgers.edu/GreenInfrastructureGuidanceManual.html>.

We hope these guidance materials will help communities enhance both their stormwater and urban forestry programs!

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