

WELCOME!

Monthly EnviroDIY in the DRB User Group Meeting

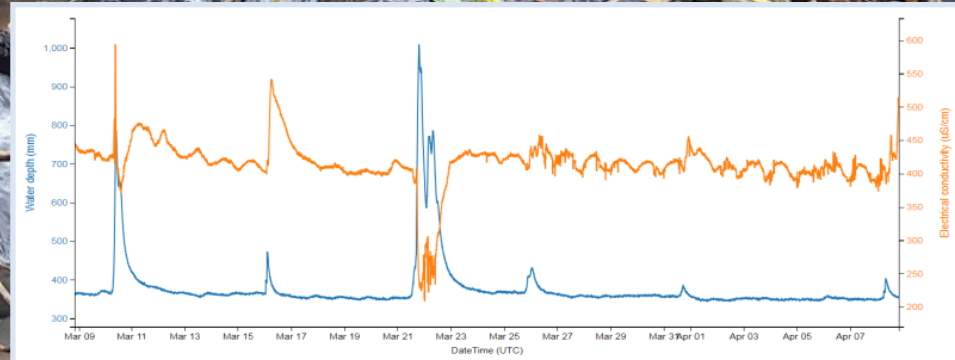
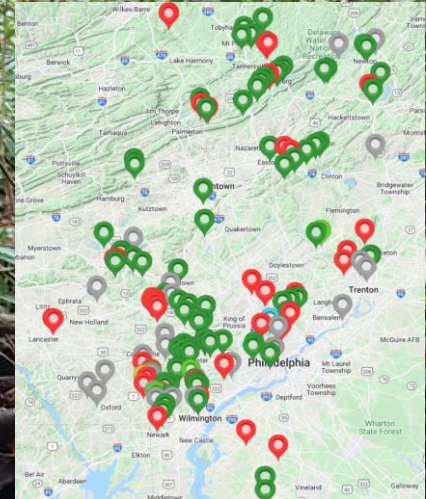
Online, May 19, 2022, 2:30-3:30p



EnviroDIY



Monitor My Watershed®



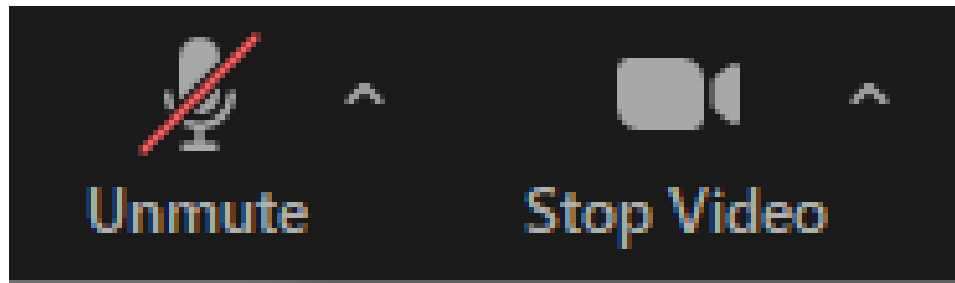
STROUD
WATER RESEARCH CENTER



Zoom Orientation



***Meeting is being recorded**



***Mute unless asking question**

These Monthly Meetings

Recordings available at: <https://wikiwatershed.org/drwi/>

YouTube

Search

WELCOME!
Monthly EnviroDIY-DRWI User Group Meeting
Online, Thursday February 17, 2021, 2:30-3:30p

EnviroDIY

Monitor My Watershed®

STROUD

February 2022 EnviroDIY-DRWI Monthly Meeting

24 views • Feb 17, 2022

1 DISLIKE SHARE SAVE ...

Stroud Water Research Center Videos
571 subscribers

SUBSCRIBE

These Monthly Meetings

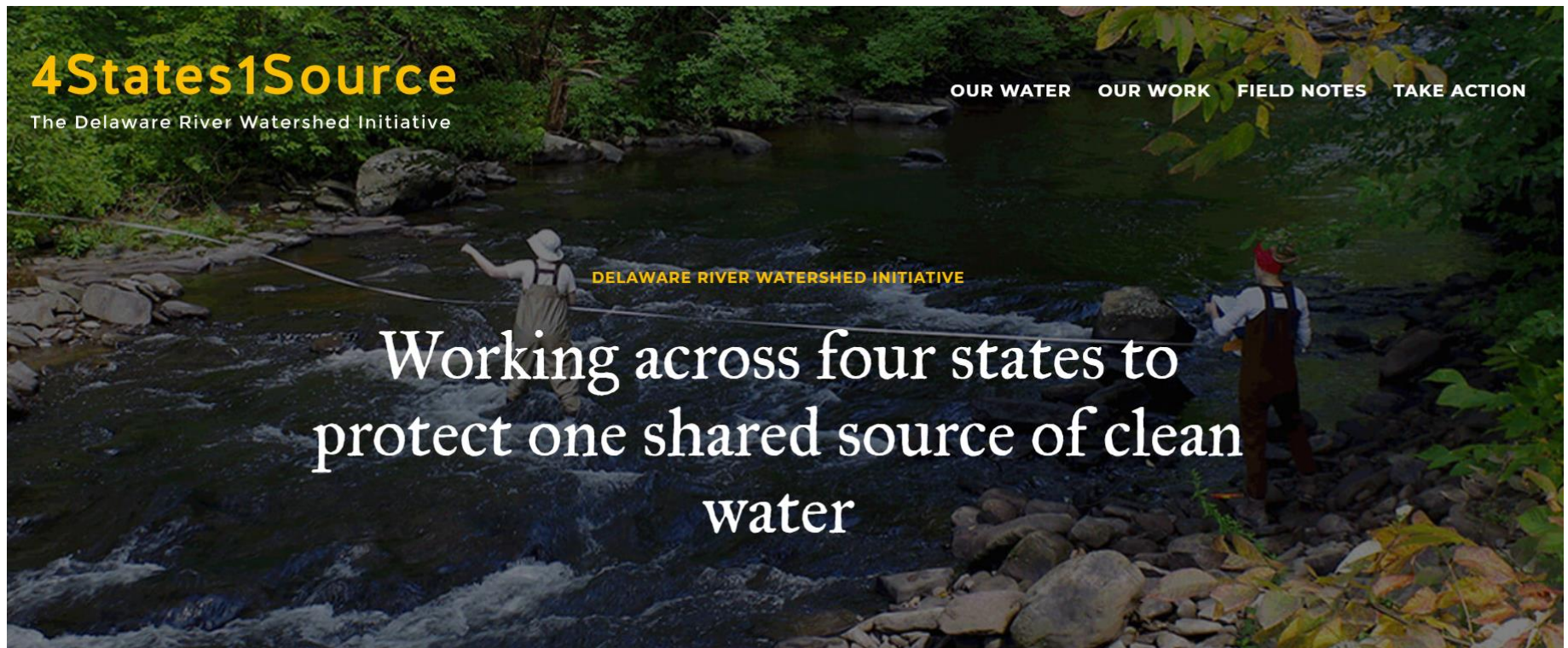
- Every third Thursday of the month
- 2:30-3:30p
- Zoom link will remain the same:
<https://us02web.zoom.us/j/81881801310?pwd=eUFmbXZLbmRibVcxa1dtNVhzRmNvZz09>
- Reminder email one week prior to each month's meeting
 - All are welcome, please share
 - **And let us know if others should be added**

REMINDER

- Attendees include:
 - Groups working in Delaware River Watershed Initiative (DRWI)
 - Groups working in Delaware River Basin (DRB) but not DRWI
 - Folks from outside the DRB
- Stroud Center support via DRWI and C-SAW

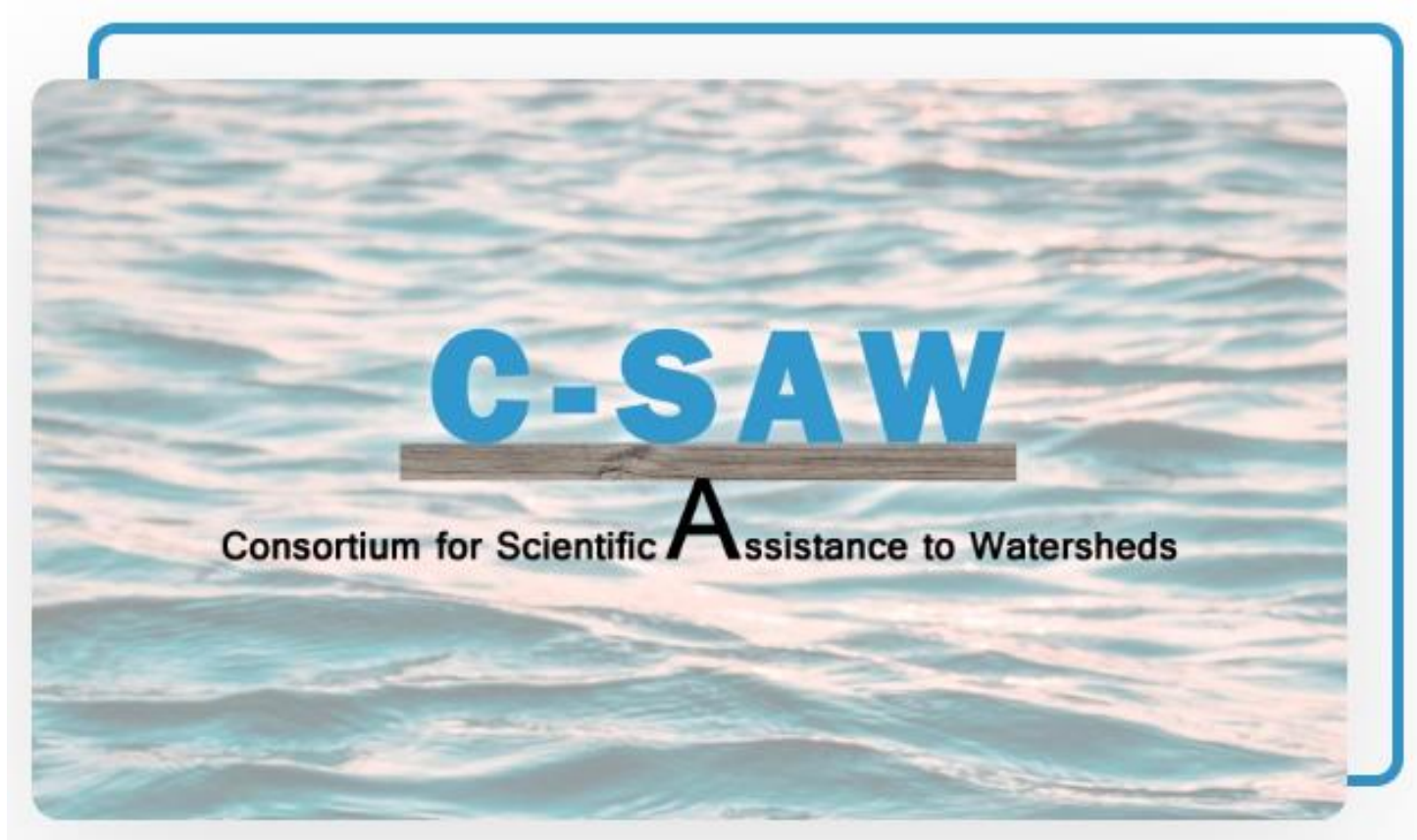
Delaware River Watershed Initiative (DRWI)

<https://4states1source.org/>



C-SAW

<https://www.c-saw.info/>



Goals for these monthly meetings

- Time to check-in, ask questions, report issues, network, etc.
- **Updates** from the Stroud Center
- **Presentations**
 - **Station Owner/Manager Presentations** – communicate about individual situations, local watershed work
 - **Focus Topic Presentations** – guest presenters talk about technical/ecological/other focus topics

**All of this to support gathering good data and using it purposefully*

Stroud Center project personnel

Stroud Center Facilitators:

David Bressler



Project facilitator

Rachel Johnson



Research Engineer
Technician

Christa Reeves



Northern DRB
technician and
organization
collaborator

Shannon Hicks



Research Engineer,
Mayfly and EnviroDIY
Inventor/Designer

Stroud Center project personnel

Master Watershed Steward Facilitators:

Carol Armstrong



George Seeds



Master Watershed
Steward Program



PennState Extension

Stroud Center project personnel

Stroud Center DRWI Leads:

Dr. John Jackson



Senior Research Scientist

Matt Ehrhart



Director of Watershed Restoration

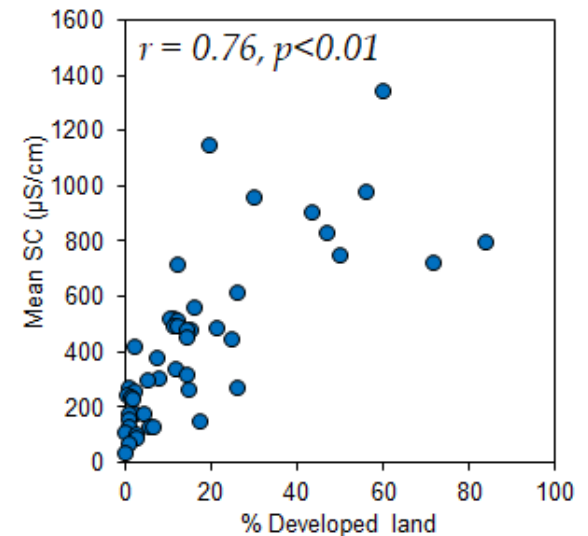
Dr. David Arscott



Executive Director, President
Research Scientist

Stroud Center Perspective – EnviroDIY in the DRB

- Primary Goal
 - Support Station owners, managers, and volunteers
 - Use stations for local purposes
- Secondary Goal
 - Analyze basin-wide data set
 - Develop tools to characterize and contextualize watersheds

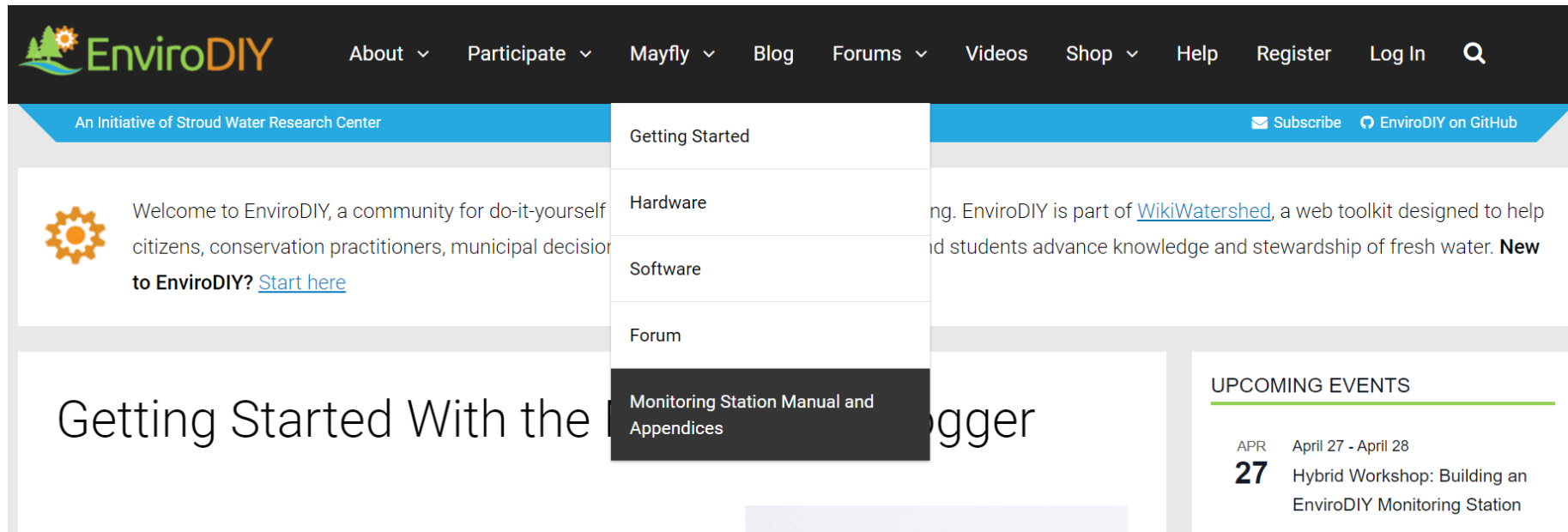


Today's Agenda

1. Introduction
2. Stroud Updates
3. Presentations:
 - Water temperature – Christa Reeves,
Musconetcong Watershed Association
4. Discussion
5. Conclusion

Stroud Center Updates

- EnviroDIY manual has been updated and has a new searchable format



The screenshot shows the EnviroDIY website interface. The top navigation bar is dark blue with the EnviroDIY logo on the left and links for About, Participate, Mayfly, Blog, Forums, Videos, Shop, Help, Register, and Log In on the right. Below the navigation bar is a light blue banner with the text "An Initiative of Stroud Water Research Center" on the left and "Subscribe" and "EnviroDIY on GitHub" on the right. The main content area is divided into three columns. The left column features a large orange gear icon and the text "Welcome to EnviroDIY, a community for do-it-yourself citizens, conservation practitioners, municipal decision makers. Want to get involved? Join the community to EnviroDIY? [Start here](#)". The middle column has a white dropdown menu with the following options: "Getting Started", "Hardware", "Software", "Forum", and "Monitoring Station Manual and Appendices" (which is highlighted in dark blue). The right column contains the text "EnviroDIY is part of [WikiWatershed](#), a web toolkit designed to help students advance knowledge and stewardship of fresh water. **New**". Below this text is a section titled "UPCOMING EVENTS" with a green underline. It lists an event for "APR 27" (April 27 - April 28) titled "Hybrid Workshop: Building an EnviroDIY Monitoring Station".

EnviroDIY

About ▾ Participate ▾ Mayfly ▾ Blog Forums ▾ Videos Shop ▾ Help Register Log In

An Initiative of Stroud Water Research Center

Subscribe EnviroDIY on GitHub

Welcome to EnviroDIY, a community for do-it-yourself citizens, conservation practitioners, municipal decision makers. Want to get involved? Join the community to EnviroDIY? [Start here](#)

Getting Started

Hardware

Software

Forum

Monitoring Station Manual and Appendices

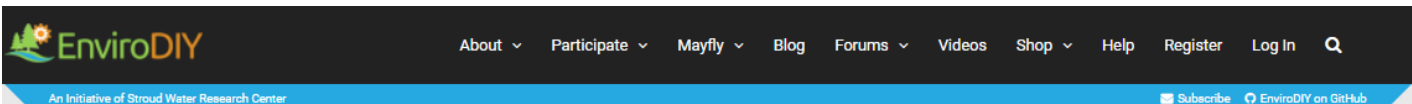
EnviroDIY is part of [WikiWatershed](#), a web toolkit designed to help students advance knowledge and stewardship of fresh water. **New**

UPCOMING EVENTS

APR 27 April 27 - April 28
Hybrid Workshop: Building an EnviroDIY Monitoring Station

Stroud Center Updates

<https://www.envirodiy.org/knowledge-base/>



Welcome to EnviroDIY, a community for do-it-yourself environmental science and monitoring. EnviroDIY is part of [WikiWatershed](#), a web toolkit designed to help citizens, conservation practitioners, municipal decision-makers, researchers, educators, and students advance knowledge and stewardship of fresh water. **New to EnviroDIY?** [Start here](#)






Search the Knowledge Base

 Search the Knowledge Base...

Help Topics

EnviroDIY Monitoring Station Manual (9 Articles)








The EnviroDIY team created this manual to help you build, program, and install an EnviroDIY Monitoring Station. Please leave feedback on the individual articles so that we can continue to improve the documentation.

-  1. Key Terms and Links
-  2. EnviroDIY Overview
-  3. EnviroDIY Monitoring Station
-  4. Preparing the Mayfly Data Logger
-  5. Programming and Activating an EnviroDIY Monitoring Station
-  6. Building an EnviroDIY Monitoring Station
-  7. Installing an EnviroDIY Monitoring Station
-  8. Monitoring Station Management
-  9. References and Acknowledgments

 View all

EnviroDIY Monitoring Station Manual Appendices (8 Articles)

The EnviroDIY Monitoring Station appendices contain supplemental information to help you manage your EnviroDIY Monitoring Station. Please leave feedback on the individual articles so that we can continue to improve the documentation.

-  1. Battery and Solar Options
-  2. Example Data
-  3. Data Patterns
-  4. Troubleshooting
-  5. Commercial Sensors
-  6. Field Supplies Checklist
-  7. Maintenance Checklist
-  8. Supplemental Sampling, Rating Curves, Loads

 View all

Stroud Center Updates

- New model of the Hydros 21 CTD sensor by Meter Group is now available

HYDROS 21
Conductivity, Temperature,
Depth Sensor



Stroud Center Updates

- Mayfly v1.1 now available on EnviroDIY.org shop and on Amazon
- EnviroDIY cell board now available on EnviroDIY.org shop and on Amazon



Stroud Center Updates

- Reminder to request assistance via the EnviroDIY Service Request Form
 - <https://wikiwatershed.org/drwi/>



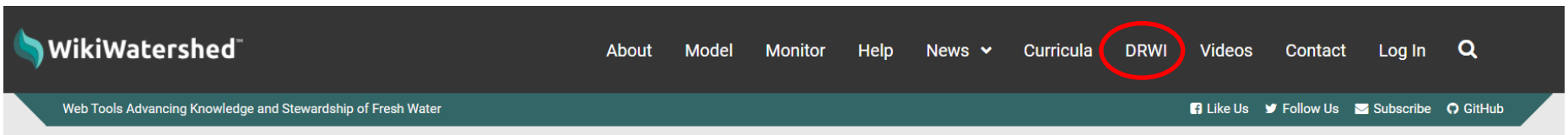
EnviroDIY Monitoring Station Service Request Form

Please complete this form with as much information as possible to assist Stroud Water Research Center technicians in troubleshooting your problem. For extremely urgent issues please contact the Stroud Center team directly (rjohnson@stroudcenter.org; shicks@stroudcenter.org; dbressler@stroudcenter.org).

*Please note, station assistance is only available to groups working within the Delaware River Basin.

Stroud Center Updates

- Reminder on resources available at <https://wikiwatershed.org/drwi/>
- <https://wikiwatershed.org>



Use the links below to jump to a specific section of this page.

General Resources

- [EnviroDIY Field Visit Data](#)
- [EnviroDIY Monitoring Station Help Resources](#)
- [Salt Monitoring Resources](#)
- [Data and Data Visualization Resources](#)
- [Volunteer Management Guidance Materials](#)
- [WikiWatershed Toolkit](#)
- [Project Updates](#)

Meetings, Workshops, and Conferences

- [Monthly EnviroDIY-DRWI User Group Meetings](#)
- [User Support Workshops and Trainings](#)
- [Conference Presentations](#)
- [Watershed Ecology Workshops](#)

EnviroDIY Field Visit Data

EnviroDIY Field Visit Data Form (Online)

Any questions before we move on?



Presentation

- Water Temperature and Trout – Christa Reeves, Musconetcong Watershed Association



Mentors currently available

- Carol Armstrong (MWS), mnem.np@gmail.com, 610-659-7477
- George Seeds (MWS), geoseeds@verizon.net, 484-886-9586
- Rachel Johnson (Stroud Center), rjohnson@stroudcenter.org, 973-557-8995
- Christa Reeves (Stroud Center)(in the north, situational), christa@musconetcong.org, 727-520-5849

****Anyone else interested? If so get in touch with Stroud Center or Carol or George***

Conclusion

Next month's meeting will be on:

Thursday June 16, 2021
2:30-3:30p

Onward!

Stroud Water Research Center, EnviroDIY-DRWI contacts:

- David Bressler, dbressler@stroudcenter.org, 410-456-1071
- Shannon Hicks, shicks@stroudcenter.org, 610-268-2153 x267
- Rachel Johnson, rjohnson@stroudcenter.org, 973-557-8995
- Christa Reeves, christa@musconetcong.org, 908-537-7060

Master Watershed Stewards, EnviroDIY-DRWI contacts:

- Carol Armstrong, mnem.np@gmail.com, 610-659-7477
- George Seeds, geoseeds@verizon.net, 484-886-9586