

## C-SAW Specialists

The consortium includes individuals who are considered experts in the field of watershed studies and assessments, working for the following organizations:

- Alliance for Aquatic Resource Monitoring
- Conemaugh Valley Conservancy
- Delaware Riverkeeper Network
- PA Lake Management Society
- Stroud Water Research Center
- U.S. Geological Survey

## Who is Eligible?

Parties eligible to apply for PADEP Growing Greener Grants may receive assistance through C-SAW. In addition, eligible projects must address sources of pollution or watershed degradation commensurate with local watershed-based planning for restoration, protection, abandoned mine reclamation, or oil and gas well plugging efforts.

C-SAW assistance is available at no cost to eligible groups.

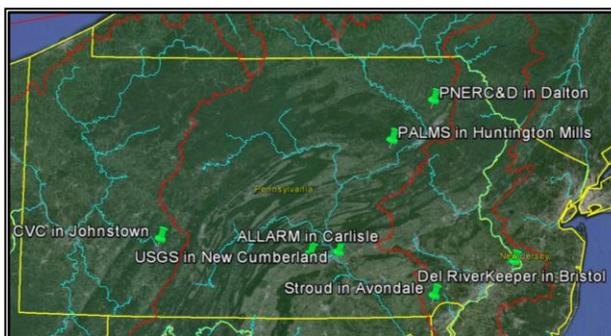
## How to Request Assistance

To apply for assistance, please complete the application form and send to the Pocono Northeast RC&D Council or the C-SAW service provider with whom you wish to work.

To download the application form or find additional information, please visit:

<http://c-saw.info/>

Applications are submitted to:  
Pocono Northeast RC&D Council  
P.O. Box 432, Dalton, PA 18414  
e-mail: [sue@pnercd.org](mailto:sue@pnercd.org)



Service providers are located throughout Pennsylvania.

C-SAW Service Providers	
Name	Contact Information
Alliance for Aquatic Resource Monitoring (ALLARM)	Jinnie Monismith <a href="mailto:monismij@dickinson.edu">monismij@dickinson.edu</a> 717.245.1021
Conemaugh Valley Conservancy (CVC)	Melissa Reckner <a href="mailto:mreckner@kcstreamteam.org">mreckner@kcstreamteam.org</a> 814.444.2669
Delaware Riverkeeper Network (DRN)	Faith Zerbe <a href="mailto:faith@delawareriverkeeper.org">faith@delawareriverkeeper.org</a> 215.369.1188 x110
Pennsylvania Lake Management Society (PALMS)	Kerilynn Frey <a href="mailto:info@palakes.org">info@palakes.org</a> 570.316.1669
Stroud Water Research Center (SWRC)	Dave Arscott <a href="mailto:darscott@stroudcenter.org">darscott@stroudcenter.org</a> 610.268.2153 x278
United States Geological Survey (USGS)	Mark Roland <a href="mailto:mroland@usgs.gov">mroland@usgs.gov</a> 717.730.6958



*NOTE: This project is funded in part by the Pennsylvania Department of Environmental Protection (PADEP) Growing Greener program. The views herein are those of the authors and do not necessarily reflect the views of the PADEP. This project is administered by the Pocono Northeast RC&D Council.*

# C-SAW

Consortium for Scientific Assistance to Watersheds



C-SAW is a team of specialists available to provide FREE organizational and technical assistance to PA-based watershed groups.

C-SAW provides technical assistance through three programs:

- Watershed-Specific Technical Assistance
- Mentoring for Monitoring, Protection, and Restoration Plans
- Quality Control for Water Quality and Macroinvertebrate Monitoring

## Building Capacity to Protect Streams

The goal of C-SAW is to transfer knowledge and skills primarily to watershed groups so they may monitor and assess the health of their watershed. By using their data as a foundation for action, groups are then able to implement protection or restoration strategies.

Watershed groups organize for many reasons. Some organize to educate community members and others to restore a polluted stream. C-SAW enables groups to identify their watershed goals and helps them tell their story through the interpretation of watershed data.

C-SAW also empowers groups to collect, summarize, and use credible data targeted toward decision-makers that lead to positive change in their watershed. This empowerment can come, for example, from training volunteers on proper methodologies for monitoring chemical, biological, and physical parameters in streams or assisting with the development of nonpoint-source restoration strategies.



### Examples of Areas of Assistance

#### Watershed-Specific Technical Assistance

- Monitoring design and protocol guidance
- Cost estimates for water-resource assessments
- Data interpretation
- Soils analysis
- Geographic Information System support
- Lake assessments
- Training in Water Chemistry Protocols
- Macroinvertebrate Identification Training

#### Mentoring

- Watershed assessments
- Developing and assessing restoration projects
- Developing protection plans

#### Quality-Control Assistance

- Split-sample analysis for water chemistry
- Blind-sample analysis for water chemistry
- Macroinvertebrate identification checks

#### Before



#### After



Photos at right show the striking difference that simple stream-side restoration can make for the ecology and aesthetics of PA streams. C-SAW can provide technical assistance to groups interested in designing restoration projects.