

Exploring the Stream and Wetland Ecosystem – Using Ecological Indicators for Monitoring and Assessment

Presented by:

Riparia at Penn State (Robert P. Brooks, Director, Suzy Yetter, Sarah Chamberlain)

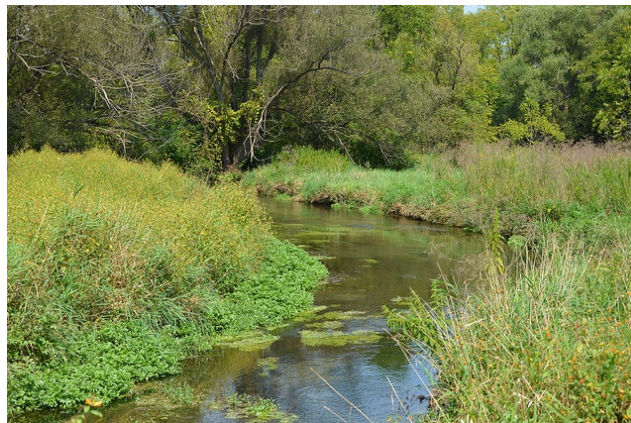
Kathy Hill and Ashley Rapsinski (CSATS)

April 29, 2017 (9:00 am – 2:30 pm)

Millbrook Marsh Nature Center

State College, PA

Using a systems approach to understanding ecosystems, we'll delve into classifying these highly valued aquatic ecosystems, and consider why and how we use science-based ecological indicators to monitor change and assess condition of these resources. Activities will involve sampling aquatic macroinvertebrates in headwater streams and aquatic plants in wetlands – no prior identification experience necessary. Techniques will be presented in ways that are easily understandable and transferable to students, and linked to the NGSS. Come join us at the wonderful and fascinating Millbrook Marsh Nature Center!



This workshop is FREE to all educators.

Act 48 credit (5 hours) available for \$10.00 through a partnership with CIU #10.

Target Audience: Teachers of students grades 6-10

All i-STEAM Workshops are aligned to the PA State Standards. A continental breakfast and lunch are provided by the Center for Science and the Schools (CSATS). Register on-line now to reserve a spot.

**Sponsored by
The Center for Science and the Schools
182 Chambers Building, University Park, PA 16802**

To register visit: <http://csats.psu.edu>
For more information: e-mail Ashley Rapsinski at adb236@psu.edu or call 814 865-1713