



Watershed 102

Aquatic ecology as it relates to stream and watershed restoration and protection

*Tues-Wed, September 24-25, 2019, 9:00a-4:00p both days.
At Stroud Water Research Center, 970 Spencer Rd, Avondale, PA 19311*

Preliminary Agenda

Day 1

- 8:45-9:15 – Welcome, refreshments, light breakfast
- 9:15-9:30 – Introduction and overview for the day
- 9:30-10:15 – Scope and Scale
- 10:15-10:30 – Break
- 10:30-12:15 – Hydrology, Fluvial Geomorphology
 - Introduction and Natural Conditions
 - Urban and Agricultural Impacts
 - Effects and Efficacy of Remediation and Protection, Case Studies and Data
 - **Format repeats for the rest of the abiotic and biotic topics*
- 12:15-1:00 – Lunch
- 1:00-2:45 – Water Chemistry – Nutrients (Nitrogen and Phosphorus)
- 2:45-3:00 – Break
- 3:00-4:00 – Questions and Discussion

Day 2

- 8:45-9:15 – Welcome, refreshments, light breakfast
- 9:15-9:30 – Introduction and overview for the day
- 9:30-11:00 – Water Chemistry – Toxics and Emerging Contaminants
- 11:00-11:15 – Break
- 11:15-12:15 – Microbiology
- 12:15-1:00 – Lunch
- 1:00-3:15 – Macroinvertebrates and Fish
- 3:15-3:30 – Break
- 3:30-4:00 – Questions and Discussion