## University at Buffalo’s Summer Workshop Series in Ecosystem Restoration

### 2015 Schedule

**Pumping Test Design & Analysis** (May 29)

*Topics include:*
- Designing and implementing a field scale pumping test
- Processing pumping test data
- Hands-on field activity using state of the art sensors

*Instructors:* Don Thompson and Katrina Smallacombe (Waterloo Hydrogeologic), Nick Schmidt (AEM), and Chris Lowry, Ph.D. (University at Buffalo)

**Fundamentals of Stream Channel Design** (June 1 – 2)

*Topics include:*
- Stream restoration design approaches
- Modeling tools
- Case studies and more

*Instructors:* Sean Bennett, Ph.D. (University at Buffalo)

**Watershed Management Planning, Assessment, & Monitoring** (June 3 – 5)

*Topics include:*
- Project and watershed planning
- Using the Stream Visual Assessment Protocol (SVAP)
- Biomonitoring methods, aquatic macroinvertebrate identification and sampling
- Field practice and more

*Instructors:* Kelly Frothingham, Ph.D. (Buffalo State College) and Wayne Gall, Ph.D. (NYS Department of Health)

**Principles of Habitat Assessment for non-Ecologists** (June 9)

*Topics include:*
- Eastern bluebird and other songbird habitat
- Artificial housing structure monitoring for bats, ducks, and other birds
- Pollinator friendly practices
- Nest identification and surveys for reptiles and amphibians

*Instructor:* Jeff Popp (Wildlife Habitat Council)

*Workshops are available for continuing education or engineering professional (PE) credit.*

Visit [www.erie.buffalo.edu](http://www.erie.buffalo.edu) for pricing information and to register.

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Sponsored by UB’s Department of Civil, Structural, and Environmental Engineering and the ERIE Program.  
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