

Standardized Culvert Assessment Protocol Training



>> For all professionals with any level of background and knowledge that are interested << in aquatic organism passage at road/stream crossings

Reason for taking this course?

The protocol has been adapted from the North Atlantic Aquatic Connectivity Collaborative and gathers information about each road-stream crossing. This information is used to provide a score that indicates the degree of barrier to aquatic organism passage that can be used to prioritize implementation projects.

What is the format of the training?

This training is a three-day field, hands-on training where participants will be in the rivers and streams. Small groups will work together to gather and record measurements using minimal equipment (chest waders, high visibility vests, stadia rods, transect tapes, flashlights).

How long will this training take?

There are two options based on the level of protocol use. Option 1: Day 1-2. This option will familiarize the participant with the protocol and provide an understanding of what each measurement means in a real-world setting. Option 2: Days 1-3. This option will certify each participant to gather and enter data into SARP's Regional Barrier Database.

☰ Training Outline

Day 1: Training

Morning: Classroom Training

- ~Overview of SARP and the Connectivity Program.
- ~Importance of Assessing Road-stream Crossings.
- ~Potential applications in agency missions.

Afternoon: Field Training

Day 2: Field Shadowing

All-day: Site visits to multiple crossings in surrounding areas.

Day 3: Field Shadowing

All-day: Site visits to crossings
~Final test @ single crossing to complete the certification.

Benefits and Potential Uses from the Training



Gain a better understanding of biological factors at road-stream crossings.



Access to online data recording platform using Survey123.



Data management and post survey analysis conducted by SARP.



Ability to rapidly assess road-stream crossings providing a standardized scoring across any target geography.



Network with other partners with similar interests and increase collaborative potential.



Contributing to a regional assessment of aquatic fragmentation.

