

## PISCeS workshop Day 2: Point-of-Need eDNA Tools Training Session



Environmental DNA (eDNA) is a new detection method that is increasingly being used to monitor aquatic species. This rapid, cost-effective, and highly sensitive method relies on the filtration and extraction of eDNA from water samples. The active detection of target species can now be carried out in the field using species-specific assays coupled with portable qPCR tools. The eDNA extracts can also be further analyzed in the lab, when needed.

**A training session especially designed for PISCeS participants is offered on Friday, October 12th from 09:00 am to 12:00 pm. The session is free for all registered participants. We will provide hands-on training and instruction for participants who wish to adopt eDNA monitoring in their practice.**

In the first part of this session, we will provide an overview of the tools, their utility and how to apply them to the practice of eDNA detection in field applications. The second part of the session provides for training in field and covers an introduction to sampling strategy, eDNA filtration, sample prep, onsite qPCR analysis and data reporting capabilities.

Representatives from [Precision Biomonitoring](#), [Smith-Root](#), and [Biomeme](#) will provide session instruction.