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Webinar

Scaling eDNA for Impact:

Bridging Biodiversity Data, Biosecurity,
and Environmental Action



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Environmental DNA (eDNA) is transforming how biodiversity is monitored, offering the ability to detect hundreds to thousands of species from a single environmental sample. This webinar combines an overview of eDNA technology with real-world examples showcasing the progress of eDNA analysis from research into routine implementation.

This webinar has been specifically crafted by experts in eDNA sample collection and analysis to address questions for those who are new to eDNA analysis and may be looking to run samples in the future.

In the webinar you'll learn about:

- Different collection methods for eDNA samples
- How Wilderlab and eDNA Frontiers have developed robust, and reliable workflows for eDNA analysis
- Analysis tips for eDNA samples
- How can eDNA data be translated into actionable insights



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eDNA WORKFLOW



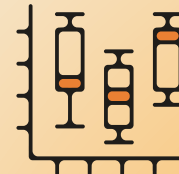
Sample collection



DNA extraction



Next-generation
sequencing



Data analysis



Species
identification

The webinar provides a comprehensive overview of the eDNA amplicon-based workflow and discusses how it enables rapid and scalable biodiversity insights that can support environmental decision-making.

In addition, our experts share some real-world applications of eDNA analysis including:

- Expanded global adoption through cost reduction and simplified sampling kits
- Discovery of previously unknown endangered species populations
- Early detection and eradication of invasive species
- Environmental impact assessments for infrastructure and industry projects
- Large-scale biodiversity datasets supporting conservation and policy decisions



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Explore how eDNA can transform your environmental monitoring strategy and decision-making.