

# An exciting partnership in biodiversity monitoring

eDNA Frontiers/Curtin University and Wilderlab NZ Ltd

eDNA Frontiers and Wilderlab NZ Ltd have teamed up to provide users with an expanded range of biodiversity monitoring services that help address the growing applications for environmental DNA (eDNA) analysis.

- Wilderlab's comprehensive metabarcoding panels provide valuable insights into ecological condition and biodiversity by taking an ecosystem-scale approach to panel design. In this way Wilderlab panels deliver holistic 'tree-of-life' monitoring for environmental outcomes.
- eDNA Frontiers specialises in deeper taxonomic metabarcoding assays that capture greater identifications in taxonomic groups. They can also run custom amplicons, research development projects, species specific qPCR assays and a range of other study support services.

*Together, the ability to target eDNA in a range of different environments for a variety of applications will enable a deeper ecological understanding to meet any biomonitoring challenge.*



ENVIRONMENTAL DNA  
BIOMONITORING SOLUTIONS

Innovative technology solving  
complex environmental challenges  
through biodiversity profiling



**Make tomorrow better.**

[ednafrontiers.com](http://ednafrontiers.com)

Between the two teams, the methods for sample collection can be catered for in various ways including the easy-to-use syringe kits to filter water through enclosed capture filters. Options are available to analyse alternative substrates including sediment, biofoul, gut contents and scats, amongst others.

Analysis opportunities can also be built between the teams with expanded capabilities connecting interactive data that Wilderlab display through their online Explore tool, with reporting formats that meet consulting requirements and incorporate expanded analytical options that eDNA Frontiers can deliver.

While some techniques are linked to particular analyses for now, the goals of the partnership will aim to broaden the possibilities for detections and help everyone make the best of their eDNA experience.

#### Learn more

Visit our website at [ednafrontiers.com](http://ednafrontiers.com) or contact us using the details below.

**Email:** [ednafrontiers@curtin.edu.au](mailto:ednafrontiers@curtin.edu.au)

**Tel:** +61 8 9266 4119



Traces of genetic material left behind by living organisms can be collected from environmental water and analysed to provide insights into the organisms living in the area. This can be done using Wilderlab's holistic community assay panels, or eDNA Frontiers refined and targeted taxonomic methods. Lower graphic modified from Wilderlab NZ Ltd.



**Wilderlab** ([Wilderlab.co.nz](http://Wilderlab.co.nz)) is a specialist environmental DNA (eDNA) testing laboratory in Wellington, Aotearoa New Zealand. Since their establishment in 2019, their mission has been to create low cost, easily accessible, standardised eDNA monitoring tools which anyone can use to tackle a range of environmental challenges.



**eDNA Frontiers** ([ednafrontiers.com](http://ednafrontiers.com)) is based at Curtin University, Perth WA and is the commercial services arm to the world leading academic team at the Trace and Environmental DNA lab (TrEnD). Their aim has been to translate the exciting eDNA research developments into accessible services for industry, government and the wider community.

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