

INVITATION TO...

# Lake Resilience Research Symposium

UNIVERSITY OF WAIKATO – Thursday 19 April 9:30 AM – 4 PM

**Purpose:**

- To present key findings and outcomes from the MBIE programme: *Enhancing Health and Resilience of New Zealand Lakes*
- To obtain feedback on current LERNZ research programmes and future research directions

9:30 – 10.00 *Coffee and tea available in foyer*

10.00-10:30 **Welcome and Overview**

10.30 – 14:30 **Presentations and Facilitated Discussion (lunch will be provided)**

**Topics and presenters will include:**

- Takiwa Stage 1: A Comprehensive, Georeferenced Database for New Zealand Lakes with Trophic State Prediction – David Hamilton
- Context, Content, & Control: Visualising Matauranga Maori and Science for Environmental Outcomes – Maui Hudson
- Lake Colour Classification for New Zealand Lakes – Moritz Lehmann
- Satellite Remote Sensing of Lakes as a Tool to Better Understand “Representative” Monitoring Under the National Policy Statement for Freshwater Management – Deniz Özkundakci
- Integrating Fish Nutrient Excretion Rates into Ecological Modelling of Water Quality – Mat Allan & Brendan Hicks
- Evolving the Paradigm: Integrating Multiple Stressors and Lake Resilience into Lake Management Frameworks – Marc Schallenberg
- Phosphorus legacy in the sediment of Lake Horowhenua and seasonal interactions with lake water quality – Piet Verburg
- Incorporating Molecular-based Approaches into Paleolimnology: New Insights into Past Lake Communities and Drivers of Change – Susie Wood
- Linking Catchment Nutrient Inputs to Lake Eutrophication Responses – Sandy Elliot & Chris McBride
- Trophic Interactions in Waikato Shallow Lake Foodwebs – Kevin Collier

14.30 – 15.15 **Summaries of Ongoing Projects**

15.15 – 16.00 **Future of LERNZ Research – Troy Baisden**

16.00 **Close – Drinks available in foyer**

To register follow [this link](#) and complete by 4 pm 13 April

A full programme and further details will be sent out closer to the time

Contact email: [lernz@waikato.ac.nz](mailto:lernz@waikato.ac.nz)