

Mountains to Sea Wānanga

Monday 10th October—Wednesday 12th October 2022

In partnership with Patuharakeke Te Iwi Trust Board

Takahiwai, Whangārei, Northland, Takahiwai Marae.

Te Kotahitanga

An inspirational professional development and networking opportunity for all those involved or interested in marine and freshwater science, education and conservation. In the theme of Kotahitanga we will also be integrating the [NZAEE's Conference](#) with our wānanga.

2022 Programme

Version 3



Our goal is to empower and support communities to achieve marine and freshwater conservation through science based experiential programmes, resources, projects and community engagement.

Whakamana te maunga Whakamana te wai He mauri o ngā tangata Ngā mea katoa he pai

If we look after the water from the mountains to sea, it will look after us. It is our life force.

visit www.emr.org.nz and www.whitebaitconnection.co.nz and www.mountaintosea.org.nz or email us at info@emr.org.nz

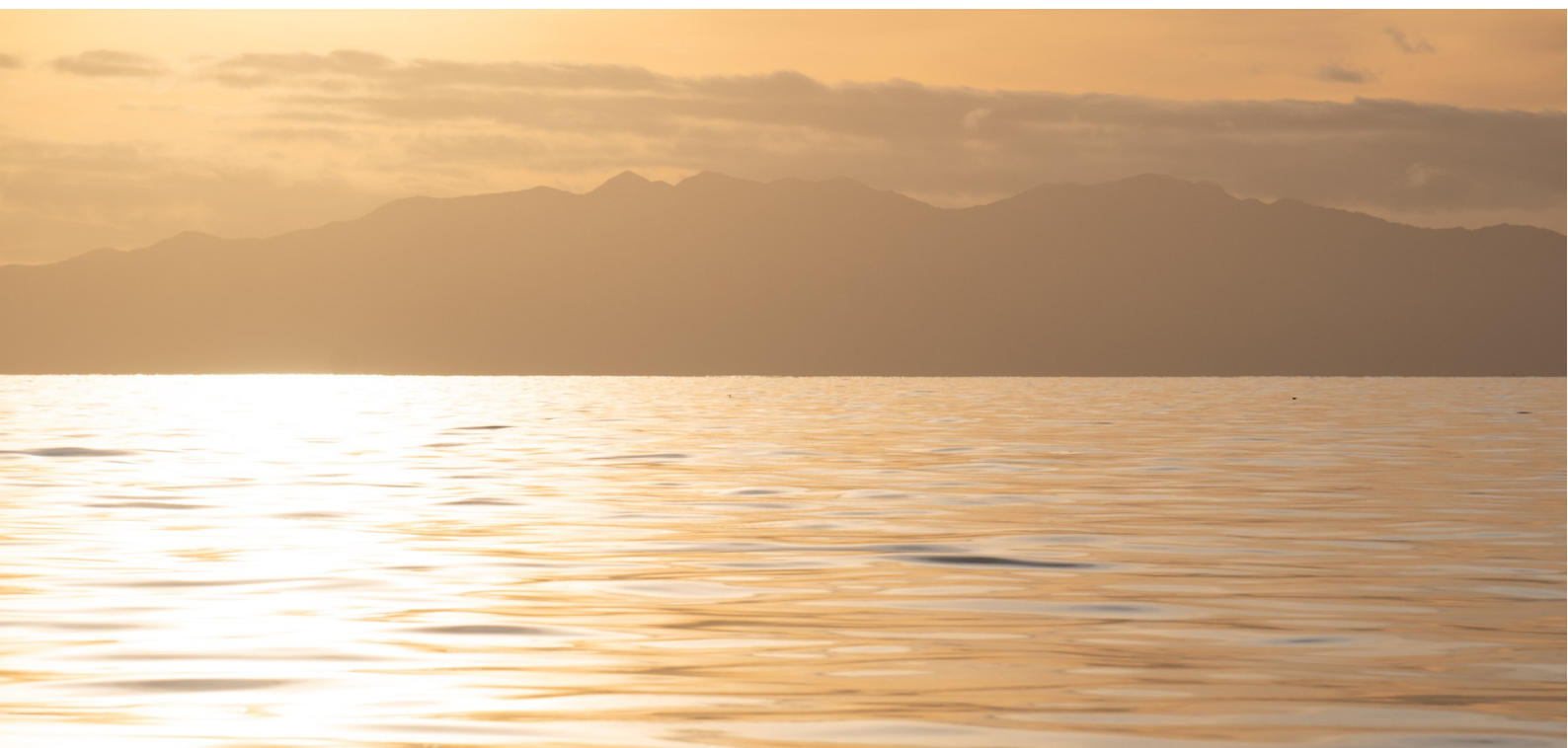
Objectives

- provide a forum for marine and freshwater educators to network about education for sustainability initiatives and projects around science communication
- provide professional development opportunities
- provide a forum to discuss the effectiveness of existing and potential partnerships that foster action for marine and freshwater conservation
- ensure strong delivery of the Experiencing Marine Reserves (EMR) and Whitebait Connection (WBC) concepts around New Zealand
- explore the idea of Kotahitanga in the context of marine and freshwater conservation and education

Wānanga registration will include

- pōwhiri at 11am on Monday
- marine & freshwater keynote presentations including orientation and whakawhānaungatanga with te hau kainga
- fresh wholesome meals and marae accommodation over the 3 day wānanga
- idyllic scenery of the Whangārei Harbour and coastal areas
- marine and freshwater field trips including local conservation initiatives and attractions
- a social evening with entertainment at The Porthouse Bar and Eatery in Ruakākā
- an opportunity to share your own project during 'show n tell', displays & facilitated workshops
- inclusion of local residents, tāngata whenua & conservation groups throughout the programme
- an additional 1.5 days of specialist training workshops for Experiencing Marine Reserves & Whitebait Connection coordinators after the wānanga (Thursday 13th and Friday 14th October)

Previous wānanga video: www.youtube.com/watch?v=U1eprXd-GyM





Previous wānanga proceedings : <https://www.whitebaitconnection.co.nz/service/marine-and-freshwater-wananga.html>

Registrations essential. Rates:

\$429 waged professional

\$319 non waged/student/teacher/not for profit

\$75 back up virtual wānanga (only in case of COVID-19 resurgence)

Register here: <https://forms.gle/KApdCUEKR9rHGi9MA>

Check out our event page on [Facebook](#) or our website www.emr.org.nz or www.whitebaitconnection.co.nz

Please note that we also have an option to register on our 'waiting list' for Māori or Pasifika rangatahi if you have no way of covering the registration fee but you would like to attend, we will then endeavour to find a sponsor or funding for your attendance (please note this however can not be guaranteed).

For more information contact Kim Jones on kim@whitebaitconnection.co.nz or 027 243 4818

Updated 23 August 2022—this is an evolving programme, please expect updates. For the most recent version check www.emr.org.nz or www.whitebaitconnection.co.nz

Catering by TBC

Thank you to our event sponsors: Foundation North, 2Plus, Tindall Foundation,



Official Start - all participants

Monday the 10th of October – Day One

- 1100-1200 Pōwhiri followed by morning tea
- 1200-1315 Local orientation and whakawhanaungatanga with the hau kāinga
- 1315-1400 Lunch
- 1400-1500 Mountains to Sea Presentation—past, present and future
- 1500-1530 Afternoon Tea
- 1530-1730 Walk down to the Takahiwai Marae stream and learn about the local conservation projects in this area.

1730-1930 Rereata Makiha (Ngāti Whakaheke, Te Aupōuri, Te Arawa): *Maramataka* Matua Rereata Makiha is a renowned Māori astrologer and a leading authority on the maramataka - the Māori lunar calendar - as well as traditional food planting and harvesting practices and kōrero tuku iho, or Māori history, handed down through generations.

Sheridan Waitai (Ngāti Kuri): *Building and maintaining partnerships with kaitiaki for research involving taonga species.* Sheridan grew up in Te Hiku o te Ika. She has significant experience in legislation and the policy environment in relation to indigenous issues, she has contributed to environmental, social, education and health initiatives. She has participated in several boards and has experience in the management of forums, governance and strategy groups. She has been instrumental in the continuation of the WAI262 Fauna and Flora Claim for Ngāti Kuri. She has maintained the relationship with other claimant whanau and iwi over the many years that has resulted in a work programme nationally for Māori to Māori engagement.

Eimear Egan: *Insights into inanga life at sea from their ear bones and potential climate change impacts.*

Eimear is a freshwater fish ecologist with NIWA. She will share her Research with you about understanding the marine life of our taonga whitebait species (*Galaxias maculatus*) from studying their ear bones (called otoliths). She will also speak about the recent [Taonga Species Climate Change Vulnerability Assessment](#) commissioned by Te Wai Māori Trust and discuss some of the findings for the whitebait species.

Dr. Irene Middleton: *Subtropical vagrants in New Zealand waters and what this means for our future.* Irene is a Marine Ecologist at NIWA, she works on and leads marine biosecurity, ecology, and fisheries projects. Irene completed a Ph.D. at Massey University where she worked together with oceangoing citizen scientists including fishers, divers, underwater photographers, and spearfishers to track tropical fishes in New Zealand waters. Irene is an incredibly passionate scuba diver and ocean swimmer and an award-winning nature photographer specializing in underwater photography. Her work has been featured in local and international magazines, online blogs, scientific literature, and conservation publications.

1930-2000 Dinner followed by Day One close by 2030





Tuesday the 11th of October – Day Two

- 0700-0800** Breakfast
- 0800-1000** **Show and tell presentations:** 5-10 minute short presentations and interactive activities from wananga attendees. More details to come once
- 1000-1030** Mihi whakatau for NZAEE crew joining us for the day followed by morning tea
- 1030-1045** Introduce field trips
- 1100-1130** Pack for field trips and drive to site/s
- 1130-1630** Field trips:
- Snorkel at the Reotahi Marine Reserve with EMR (includes a boat trip across the harbour)
 - Guided tour at the NIWA Hatchery and visit riparian restoration sites along the Ruakākā River and learn about the Northland Inanga Spawning Habitat Restoration Project
- 1630-1700** Drive back to marae and get ready for social evening
- 1700-1730** Drive to The Porthouse Bar & Eatery (courtesy shuttle provided)
- 1730-2200** Social evening including dinner and quiz night at The Porthouse Bar & Eatery
- 2200-2230** Transport back to marae
- 2230** Lights out

Wednesday the 12th of October– Day Two

Workshop on Te Kotahitanga —Run by Carolyn Smith.

Purpose of session:

- Participants to have opportunity to synthesise their learnings from the wānanga and their past experience

0800-0900 Breakfast

0900-1000 Wānanga in review—reflection workshop

1000-1100 Morning tea & networking

1100-1200 Presentation by Carolyn

Pecha kucha presentations:

TBC

1200-1300 Facilitated partnership workshopping in breakout groups.

1300-1430 Lunch and evaluations

1430-1500 Poroporoaki official close of Wānanga

1500-1800 Travel home via carpooling or shuttle van

