

National Marine and Freshwater Education Wananga – Conference 2010



Whakapaumahara Marae, Whananaki, Northland
Wednesday 6th – Saturday 9th October, 2010

Theme - Mountains to Sea – Collaboration for conservation of our marine and freshwater environments in schools and communities.

Purpose

An inspirational professional development and networking opportunity for all those involved or interested in freshwater and marine conservation.

Objectives

- Provide a forum for marine and freshwater educators to network about education for sustainability initiatives & projects. (School and/or community based).
- To provide professional development.
- To provide a forum to discuss ideas on how we can collaborate in marine and freshwater conservation.
- Ensure strong delivery of Experiencing Marine Reserves (EMR) and Whitebait Connection (WBC) concepts around New Zealand.

Wananga Highlights:

- Experience what EMR and WBC do and find out how they can support or work with you towards enhanced freshwater and marine environments through community education and engagement.
- Keynote address from Hone Taumaunu. Learn about a successful collaboration between Ngati Konohi and Department of Conservation to achieve marine conservation. What is the moana suite?
- Hear presentations, meet and discuss with experts in marine and freshwater science, conservation and education.
- Learn about Project Twin Streams, an integrated community development approach. Keynote address from Tony Miguel.
- Find out about innovative new education for sustainability resources & projects.
- See the EMR and WBC programmes in action.
- Conference dinner with a difference!
- Snorkel the Poor Knights Islands marine reserve.
- Learn about what makes a successful funding application with the ASB Community Trust
- Launch of the film Water Whisperers - Tangaroa

Sponsors and Supporters

Mountains to Sea Conservation Trust would like to acknowledge funding support from the Department of Conservation and the Tindall Foundation. MTSCT would also like to acknowledge the Whananaki marae committee & Dive! Tutukaka for supporting this wananga.



Department of Conservation
Te Papa Atawhai

Wananga Programme – Version 4 Updated 22nd September 2010 –please expect updates - for most recent version go to www.emr.org.nz

Wednesday 6th October

Day 1:

1pm	Arrival
1.15pm	Powhiri
2pm	Late Lunch
3pm	Introductions – what people want from wananga and people’s favorite freshwater or marine species Average of 1min pp
4pm	Introduce programme and housekeeping
4.30pm	MTSCT EMR & WBC presentation
6pm	Dinner & Vince Kerr poster project announcement
7pm	Keynote Presentation - Hone Taumaunu – Ngati Konohi Kaumatua <i>We extend an invite to the community to attend this presentation for gold coin koha.</i>

Hone will explain his involvement in the establishment of the Te Tapuwae O Rongokako Marine Reserve and the successful collaboration between Ngati Konohi and Department of Conservation. He will explain the values of the reserve from Ngati Konohi perspective. Te Tapuwae has some unique regulations such as a 25 year generational review. Hone will explain the concept of the moana suite of marine protection and the progress to establish the Mataitai around the marine reserve.

Questions and discussion

8.15pm	Supper
9pm	Close

Thursday 7th October

Day 2:

7.30am	Breakfast
8:30am	Show & tell – <i>separate</i> marine and freshwater forums. What we are all doing? 10 min presentations about different resources or projects – a chance to gain feedback on your project or to share something worthwhile.

Marine

8.30	Danelle Kara Lekan	I am a PhD student studying the effect of a customary marine closure in Pukerua Bay (Wellington). I work closely with Ngati Toa to study paua and kina size, abundance and distribution inside and outside the closure. In the coming year I hope to plan an education day for the Iwi and the wider Pukerua Bay community to promote marine and coastal awareness and share my research.
8.40	Julie Kidman	Fish Forever campaign – Bay Of Islands
8.50	Sandra Jacks	MAD marine update
9	Katrina Subedar	Homing ability of New Zealand Triplefin Fishes
9.10	Patrick Swanson	Royal Society Science Fellowship

Fresh & Connecting Environments

8.30	Lisa Clapcott	Waikanae Estuary
8.40	David Clarkson	BayCare “Living Steams

8.50	Steve Beck	Aorere Catchment Project and the impact from the changes that have been made. In addition how the school has been part of the developments
9	Mel Mccolgan	Monitoring: Development of cultural indicators for freshwater in Te tau Ihu.
9.10		

Short Presentations

9.20am	Roger Grace - Whangateau Harbour Care project
9.35am	Jeroen Jongejans – Whangarei Coast National Marine Park Proposal
10.10am	Kapu Ti and Library time – an extensive marine & freshwater library will be set up including books and resources
10.45 am	Keynote Presentation - Tony Miguel – Waitakere City Council – Project Twin Streams

The vision for Project Twin Streams is Working together for healthy streams and strong communities: creating a sustainable future. Project Twin Streams is an urban sustainability project which aims to restore 56kms of Waitakere stream banks through an integrated community development approach. By engaging local communities and residents, via community organisations, the streambanks are weeded, replanted with natives and maintained

Questions and discussion

12pm	LUNCH
1pm	Marine and freshwater education and conservation discussion panel –

How have you most successfully collaborated on conservation projects

2.15pm	GROUP PHOTO – Workshop sessions
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Community Focus

2.30pm	Kim Collins – ASB Community Trust	Writing funding applications for the environment sector
3.10pm	Sioux Campbell	Working with the media
3.50pm	Vince Kerr	Working with govt depts

School Focus

2.30pm	Julie Holt & Kim Jones	Working with the new curriculum and safety planning
3.10pm	Kim Jones	Marine Activities to take away
3.50pm	Nicki Wakefield/Cody Frewin	Freshwater Activities to take away, including a classroom activity for urban schools

4.30pm	Kupa-Ti
5.15pm	Depart for beach – wear warm clothes
6pm	Gourmet BBQ and fire on the beach – Conference Dinner! <i>Bring a waiata to sing & teach everyone else</i>
9pm	Chill Time or Spotighting in the Te Wairahi Stream



Friday 8th October

Day 3

7am	Breakfast
8.00am	Facilitated sessions by Sioux Campbell 'Mountains to Sea Café' Purpose: To undertake critical thinking about and reflection on our existing actions for marine and freshwater protection and identify how we can most effectively sustain or extend those over time.
10.15am	Kapu ti
10.45am	'Mountains to Sea Café' continued – Facilitators report back from working group sessions.
11.00am	How can we best work collaboratively? "Quick fix" exercise – divide into 4-5 groups and brainstorm ideas for 10 mins, then select 2 per group.
11:30am	Future proofing sticky note exercise – what will we do (actions) - place on banner.
12.00pm	Lunch
1pm	Field trip briefings
1.20pm	Field trips – <i>All within 10km drive or walk from marae</i>

Option 1. Experiencing Marine Reserves (3.5 hours open water with Samara and Vince Kerr) Coastal walk to snorkel a unique marine lagoon. Learn more about taking groups snorkeling. Manta Boarding

Additional Option (\$30): Professional development – gain snorkel unit standards – 4383 – Snorkel Dive with Safety and 8296 - Instruct clients in Snorkel Diving (7 credits total). Wetsuits and equipment provided. Extra homework, Friday evening and open water session at the Poor Knights required for sign off

Option 2. Whitebait Connection (3 hours session time with Nicki Wakefield)

Learn about how WBC engages the community in freshwater conservation and restoration through two fantastic environmental education initiatives – the Drains to Harbour stormwater education programme, and the WBC catchment restoration programme. We will visit the interesting Te Wairahi Stream in Whananaki where you can participate in and discuss WBC instream engagement. Demonstrate equipment and techniques to monitor waterways with schools and community groups.

Option 3. Mangrove Discovery/Estuary investigation (3 hours with Kim Jones, Roger Grace & Laura Shaft (NRC))

Visit the Whananaki Estuary. Learn estuary monitoring techniques and hear about the life in the estuary and the environmental problems they are facing. Hear about what different communities have been doing about it. Learn about MTSCCT's Mangrove Discovery programme and how we are tackling the controversial mangrove topic in the Whangarei district.

Short presentations

5pm	Paul Buisson – <i>recent research at the Poor Knights</i>
5.30pm	He Kakano Community Nursery resource presentation (Shane Nicholas and Buc Cullen)
6pm	Dinner & reflection on wananga
7pm	Film Launch - Water Whisperers/Tangaroa (Directed by Kathleen Gallagher) Filmed in stunning locations around New Zealand, ten communities facing serious water issues, come up with amazingly simple solutions to clean up the waters and bring back their fish. Watch the trailer :

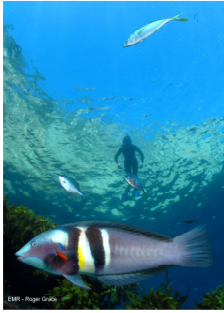
http://www.wickcandle.co.nz/water_whisperers_tangaroa.html

Our rivers are drying up and polluted, the salmon people have lost their salmon, the children can't swim in the polluted rivers, the shellfish are dying, the fish are disappearing from our coasts... Can our drying up and polluted lakes, rivers and our depleted oceans be restored? Can our pristine waterways and oceans be saved?

We extend an invite to the community to attend this presentation for \$10 per person to support film production.

Saturday 9th October

Day 4:



OPTIONAL (but highly recommended!)

7am Breakfast

8am Official Poroporoaki *Presentation of gift to Whakapaumahara marae*

8.30am Depart for Tutukaka

10am karakia

Depart for Poor Knights on Perfect Day with Dive! Tutukaka www.diving.co.nz



11am Tour of the Knights & snorkel

Snorkeling with students

SCUBA Dive or Discover SCUBA (optional – extra cost's may apply, ask Samara for more details)

4 pm Back at Tutukaka

4.30pm Official close

For more information contact Samara Nicholas samara@emr.org.nz 09 433 8205 **Registration Details:**
http://www.emr.org.nz/information.php?info_id=99&emrsid=93428ba9ebae48898eafc2de4166699c