

National Marine and Freshwater Education Wananga – Conference 2012



Poihakena Marae, Raglan, Waikato
Sunday 15th – Tuesday 17th January 2012

Theme - ACTION for marine and freshwater conservation.

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 foster and take more action for 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 addresses from; Pew Environment Group on the Kermadecs Island Marine Reserve, Dr. Roger Grace on the marine reserves of New Zealand, Bruno David on new Zealand's native freshwater fish and innovative methods to creating fish passage in highly modified catchments, Fred Lichtwark on the extremely successful Whaingaroa harbour Care catchment restoration project.
- Hear presentations, meet and discuss with experts in marine and freshwater science, conservation and education.
- Take a field trip with Fred Lichtwark and Kim Jones (Whitebait Connection) to see examples of successful riparian planting and fencing, the harbour care nursery, a restored wetland and the new Meridian wind farm.
- Board an electric bus and then take an evening sunset cruise on the stunning Raglan harbour aboard the 'Wahine Moe' whilst hearing how riparian planting has changed the water quality of the harbour.
- Find out about innovative new education for sustainability resources & projects.
- See the EMR and WBC programmes in action.
- Kayak and snorkel the Raglan harbour – renown for its exceptional water quality and clarity and you may even see a seahorse!
- Workshop sessions on making funding applications, using social media and brainstorming event ideas for Seaweek & World Wetlands day 2012.

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 Poihakena marae committee & Whaingaroa Harbour Care group for supporting this wananga.

Wananga Programme



Department of Conservation
Te Papa Atawhai

- Version 4 *Updated 6th*

January 2012 –this is an evolving programme, please expect updates - for most recent version check

www.emr.org.nz or www.whitebaitconnection.co.nz

Please note that snorkel instructor students as well as new and existing EMR/WBC coordinators will be meeting on the Saturday 14th of January.

SUNDAY 15TH JANUARY – OFFICIAL CONFERENCE START

DAY ONE:

10.30am	Powhiri
11.30am	Lunch
12.30pm	Introduce programme and housekeeping Introductions – what people want from wananga and what is their favourite freshwater and/or marine species Average of 1min pp
1:30pm	MTSCT EMR & WBC presentation
2.30pm	Show & Tell: Diane Papworth (Dargaville Intermediate)- Growing native trees for Riparian regeneration
2.40pm	Alan Fleming (Forest & Bird) - Update on proposed Mimiwhangata Rahui Tapu
2.50pm	Nathan Larry Hills (Nga Motu Marine Reserve Society) - Survey conducted on Paua collection rules
3pm	Andrea Carr (Opunake High) - River study project (5min)
3.05pm	Peter Clement (Opunake High) - Community garden in Opunake (5min)
3.10pm	Soozee McIntyre (Far North Environment Centre) - Catchment Nursery for Doubtless Bay
3.30pm	Afternoon tea
4pm	Keynote Presentations from; <ul style="list-style-type: none">• Pew Environment Group initiative to extend the marine reserve at the Kermadecs to 200 nautical miles.• Dr. Roger Grace on NZ's marine reserves <i>We extend an invite to the community to attend this presentation for gold coin koha.</i>
5pm	Show and tell Lucy Roberts (DOC) - Arawai Kakariki Whangamarino Wetland Project/ Waikato River Project
5.10pm	Murray Palmer (Nga Mahi o te Taiao)- description of use of EMR/WBC to help facilitate 'authentic learning' context in Tairāwhiti
5.20pm	Liz Ross (Auckland Council)- Hauraki Gulf Forum's community shellfish monitoring programme
5.30pm	Carolyn Smith & Kylie McDowell (DOC) - Outlook for Someday (TBC)
5.40pm	Zoe Studd (Island Bay Marine Education Centre) EMR- Seed to Sea action project
5.50pm	John Elliott (Mimi School) - Local penguin colony education & protection project

6pm **Dinner**

7pm **Keynote Presentations** from;

- Bruno David (Environment Waikato) about New Zealand's Whitebait species and innovative new fish passage and habitat restoration projects from the Waikato.
- Fred Lichtwark (Whaingaroa Harbour Care) on the outcomes of the Whaingaroa Harbour Care project – restoring riparian margins from the mountains to the sea.

We extend an invite to the community to attend this presentation for gold coin koha.

8:30pm **Supper and free time**

9pm **Optional spotlighting** in the Wainui Reserve with Bruno David and Kim Jones



Riparian restoration in the Raglan catchment - from the mountains to the sea.

MONDAY 16TH JANUARY DAY TWO:

7.30am **Breakfast**

8:30am Facilitated workshops. Four sessions to be rotated with 15 minutes for each; Fundraising success, Using Social Media, New online environmental education resource, What's working and what's not in marine and freshwater education?

10am Facilitated sessions on Seaweek (led by Samara Nicholas) and World Wetlands Day (led by Kim Jones). *Results of this session to be communicated Tuesday am.*

10:30am **Morning tea**

11am **Field trips** (one marine focussed and one freshwater/catchment focussed).

Field trip option one – Raglan freshwater and catchment experience:

- View sustainable farming practices and riparian planting examples around Raglan. See both good and bad examples and discuss with experts.
- Check out the Whaingaroa Harbour Care native plant nursery – custom built and operated for catchment restoration.



- In stream work with Kim Jones and Bruno David – learn and share instream sampling and monitoring methods and creature identification with experts.
- Electric fishing for lamprey with Bruno David (subject to Bruno's availability)
- Check out the Meridian wind farm and their wetlands/headwaters restoration project. View the amazing waterfall and see why protecting the headwaters is vital to catchment restoration.

Field trip option two - EMR snorkel adventure in the Raglan harbour – see the fruits of riparian management

- Learn about considerations for guiding snorkel tours.
- Snorkel the Raglan wharf – seahorse treasure hunt.
- EMR trainee coordinators give site briefing & kayak briefing
- Paddle across the harbour and back (tandem kayaks for less experienced kayakers)
- Drift snorkel down the harbour with the incoming tide and back with the outgoing tide

Field trip two additional option: 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 and extra day required in Raglan on 14th January (accommodation provided, but we need to know ASAP to secure booking, first in - first served).



5pm **Break out time** from 5-6.30pm. Cafe in town with WiFi.

7pm Travel to the **evening harbour sunset cruise** in an electric bus before you board the beautiful 'Wahine Moe' harbour cruise vessel where we will wine and dine as Fred Litchwark shares more about the Raglan catchment care project and the benefits that it's produced for the harbour health. Group photo to be taken onboard. Fun group activity.

9pm **Head back to marae**

TUESDAY 17TH JANUARY DAY THREE:

7am **Breakfast**

8.00am **Presentations from facilitated sessions.
Final actions, reflection and evaluation.**

11.30am **Lunch**

12.15pm **Poroporoake**

1:00pm **Closing and transfers to airport and NZAEE conference!**

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



A seahorse - one of the taonga (treasures) protected in the Raglan harbour, through protecting the waterways, from the mountains to the sea!. Photo by Kim Jones.