



Experiencing
Marine Reserves

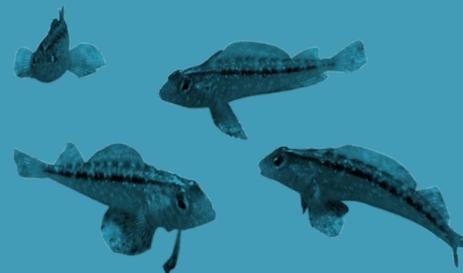
Te Kura Moana



Experiencing Marine Reserves - EMR

Te Kura Moana

By Samara Nicholas & Sophie Journee





EMR will take you down under!

Since
2001

Tītiro
kī te
Moana

EMR
20 years



EMR
Lorna Doogan

2002 photography to now!



EMR Samara Nicholas



**Te Kura Moana
School of the ocean**

EMR Goal

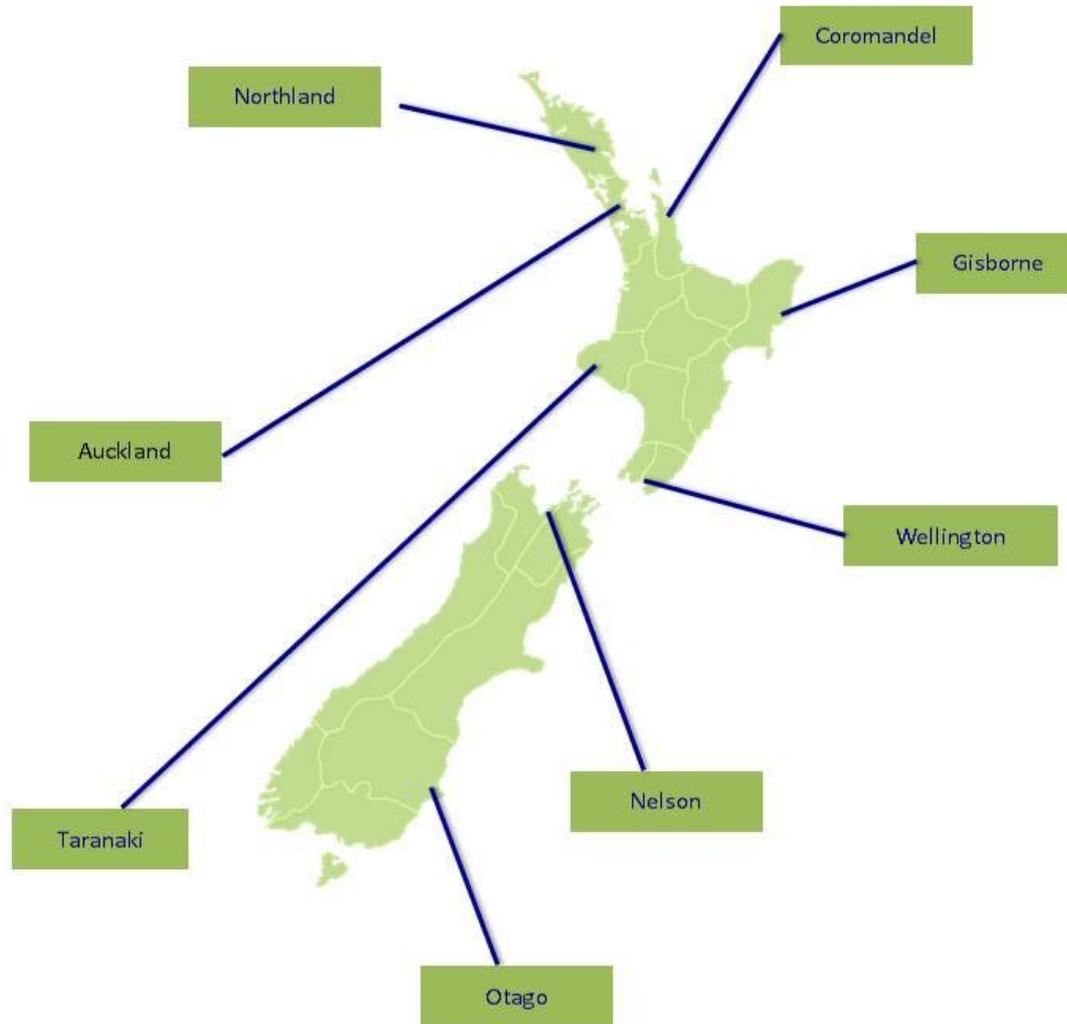
**To raise awareness,
understanding and support
for marine conservation
throughout Aotearoa
through the delivery of
dynamic experiential
marine education
opportunities.**

Image by Darryl Torckler



***Titiro ki te moana
EMR will take you down
under!***

Our non-profit franchise partner locations



EMR Statistics since 2001

including trends from since previous season (▲ ▼)

NATIONAL

132128



students through
EMR programme

▲ 1.09%

182471



people reached by
EMR

▼ 6.28%

\$3,788,824



worth of volunteer
hours at living
wage

▼ 15.85%

171440



hours of volunteer
time

▼ 15.85%

70928



people taken through
NZ marine
reserves

▼ 32.85%

132478



people taken
snorkelling

▼ 14.38%

**Classroom Introduction -
Marine biodiversity presentation**



**Local Investigation -
Connecting, learning and
sharing with whanau**



**Marine Reserve / Protected
Area Snorkel -
Experiencing full marine
protection**



**Comparing a non-protected site
with protected site**



In my near 20 years of working in the marine education field - we seldom observe snapper like this, in any other locations other than marine reserves.

In order to address an issue We must be connected and inspired!



Image by Darryl Torckler

EMR KAITIAKI ACTION



Experiencing
Marine Reserves

Tautohito Āpure Moana



Theme Areas for 2021 – '22

EMR action projects foster kaitiakitanga (guardianship) and facilitate action to address marine issues. Action projects are not limited to our suggested theme areas below but must be NZ relevant, reach beyond the classroom and relate to marine conservation, marine monitoring, addressing marine issues and/or building public marine awareness.

Local action

- Record the presence or absence of marine pests
- Inaturalist.nz underwater observations
- Reef Savers fish surveys
- MM2 surveys

Campaign

- Present your own design for marine conservation in your backyard
- Celebrate Rāhui, Marine Reserves & other marine protection measures
- Dive deeper into practical investigations raising awareness of mangroves (Love Manawa), seaweeds (Love Rimurimu) & other important marine habitats.

Turtle champion speaks



Fundraise

- Pay it forward fundraising to fundraise to help other students experience snorkelling, to contribute to new EMR equipment or to secure your schools future participation in the EMR programme
- Fundraise to support EMR endorsed NZ based conservation projects such as the Fishforever community led marine conservation in the Bay of Islands www.fishforever.org.nz/ and sea turtle rehabilitation www.visitsealife.com/aucland/whats-inside/exhibits/turtle-bay-turtle-rescue

If you have been inspired by a snorkel in your backyard, why not make a submission?
<https://www.emr.org.nz/index.php/support-us/make-a-submission>

www.emr.org.nz | facebook.com/emr.mtset | info@emr.org.nz | [Insta emr_nz](https://instagram.com/emr_nz)

Photo Credit: Darryl Torckler

'Wet Libraries'



Image by Darryl Torckler

“At school, libraries and playing fields are seen as essential amenities that we must have. Likewise, every New Zealander and school should have access to a ‘wet library’, or marine reserve” - *Wade Doak*

Celebrating rahui

KAITIAKITANGA

Collecting of Seafood is Prohibited

Effective from the 20th Dec 2017 to 1st March 2020



WHAT DOES THIS MEAN



SWIMMING ALLOWED

Te Whanau Moana Me Te Rorohuri have decided to take action against the current unsustainable management system of our rohe. The highlighted area will be a complete **NO TAKE ZONE**.

This means.... no taking of any shellfish, fish, kaimoana, seaweed, etc.

If we don't act fast to curb the current rate that kaimoana is being pillaged, our tamariki and mokopuna will not have the satisfaction of being able to enjoy this natural taonga in the future.

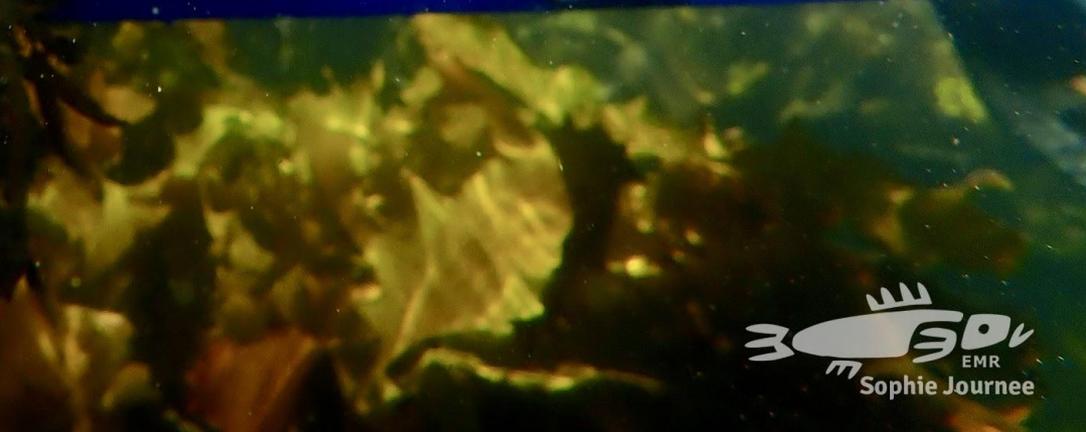
Our aim is to:

- Bring balance back to our Moana
- Restore the depleted areas
- Restore the TAPU, restore the MANA
- Implement a sustainability plan for the future generations



Supporting
conservation
aspirations of iwi/
hapu and the
community

Snorkelling in the rahui at
Maunganui Bay (Deep Water
Cove) - Est under Section 186



Auckland

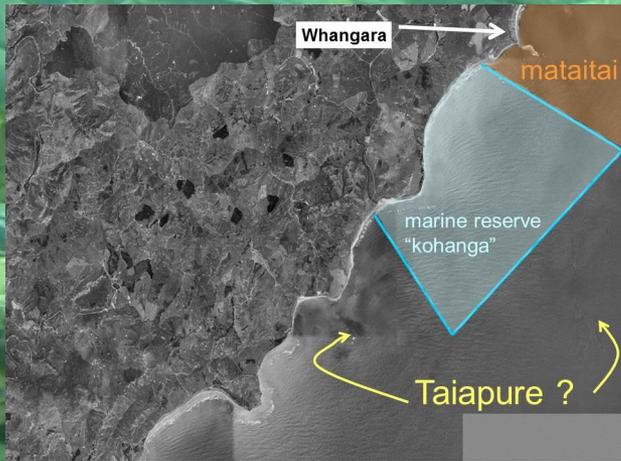
Events in Motu Hawere, Tāwharanui, Okura - Long Bay, Motu Manawa, Te Matuku marine reserves as well as 10 other non protected sites.



Gisborne - He Awa Ora, He Tai Ora, Healthy Rivers, Living Sea Education Trust

“The marine reserve is like a full cupboard that feeds the rest of our moana (sea)”

- *Hone Taumaunu*



**Te Tapuwae o
Rongokako Marine
Reserve**

Taranaki - Nga Motu Marine Reserve Society



**Nga Motu breakwater - 4m
vis - not usual !**

Tapuae Marine Reserve - on a great day!



Taranaki at Goat Island !

An underwater photograph showing a diver in a red wetsuit and black fins swimming towards the right. A large, silver fish is swimming in the foreground, slightly below the diver. The water is clear and blue-green. The diver's wetsuit has 'WETIDE' written on the sleeve. The fish has a prominent eye and a slightly open mouth.

“EMR is unique. It draws publicity and creates the opportunities to highlight the marine environment through the media. Community groups enjoy helping out because their kids are involved and with parents included as a crucial part of EMR from the outset, many become marine advocates too”

- *Mike Tapp, DOC Taranaki*

Coromandel - The friends of Te Whanganui - a - Hei Marine Reserve

Local EMR programme provides knowledge and motivates positive actions

By Suzanne Hansen

The key to preserving our environment into the future lies with our children. To drive their understanding of and behaviour with regard to the environment, what is better than to give them a contextual/hands-on experience of our ecosystems at an early age and then to ask them to act to achieve positive change? This is what the Experiencing Marine Reserve (EMR) programme is currently doing with as many primary schools as the programme's funding and resources allow.

EMR is a national programme that was founded by the Mountains to Sea Conservation Trust in 2002, with the Department of Conservation (DOC) as a foundation partner.

In 2007, EMR Coromandel (Hauraki) was established and resourced with seed funding from DOC, bringing the programme to the Te Whanganui-A-Hei Marine Reserve at Cathedral Cove and providing school children from all over the Thames Coromandel and Hauraki Districts with practical learning experiences.

Boasting incredible numbers and varieties of sea life, the Te Whanganui-A-Hei Marine Reserve, established in 1992, is one of the great Coromandel treasures. Beyond its attraction for



Mercury Bay resident, Amber Boyd is the Coromandel (Hauraki) coordinator of the Experiencing Marine Reserves programme.

Reserve. The second day is spent in a local pool, where students practically learn how to snorkel.

spend a fourth day debriefing on what they have learned and creating a specific environmental

Reserve Trust for recently providing her class with an amazing experience at Gemstone Bay. "Educating these kids about our world and reserves is so important for the state of our future," she said.

The Hahei community created the Friends of Te Whanganui-A-Hei Marine Reserve Trust in 2010 in response to the effect funding constraints experienced by DOC had on programmes like EMR. The trust's aim is to protect the Te Whanganui-A-Hei Marine Reserve and to fund EMR.

The trust has seven trustees - two Ngati Hei representatives, four representatives from the community and a secretary/treasurer. Hahei resident, Barbara Richtie, who has been a trustee from when the trust was formed, is the secretary/treasurer. Because of her own practical experiences across a wide range of volunteering projects, she has become a fundraising dynamo for EMR.

A typical EMR programme costs \$2,500 per school, which covers all snorkeling equipment and running costs.

Barbara says finding funds is a constant battle. She tirelessly focuses on grants, no easy

Te Whanganui - a - Hei

Nelson/Tasman Tasman Bay Guardians



Image by Stew Robertson

**Tonga Island & Horoirangi
marine reserves**

Wellington Mountains to Sea Wellington



**Kāpiti & Taputeranga
marine reserves**

Image by Lorna Doogan



Children from five Wellington schools pose with letters on Island Bay beach to show their love of Taputeranga Reserve after 10 years. PHOTO: Te Kawa Robb.

Taputeranga's 10 years celebrated in style

By Jamie Adams

About 300 pupils from five Wellington schools – including four from the southern suburbs – turned up at Shorland Park to hold a special presentation on Friday.

They took to the beach to pose for a photo to show their love for the Taputeranga Marine Reserve which turned 10 years old last week.

Classes undertook several eco-aware activities at Shorland Park for much of the day, including turning T-shirts into shopping

bags, identifying marine creatures, sorting out recycling and learning about the regulations of the marine reserve.

Prizes were also drawn for competition winners that included free tours of the reserve and Somes Island.

“We did our first snorkel the first year Taputeranga was established. We didn’t use this one initially, we used Kapiti. But because the reserves got better every year, now it’s a no-brainer as it’s right on our doorstep,” director Zoe Studd says.

The event was organised by Mountains to Sea, a charitable trust dedicated to educating the public about their local environment by getting them participating in a number of programmes.

By coincidence 2018 has also been the 10th anniversary of the trust, which has led 20,000 people, including students from 41 schools, through their programmes since July 2008.

As victims of their own success, the trust is fundraising for a new trailer and second-hand truck to cater for the extra demand for

snorkelling equipment.

While the organisation did receive more than \$242,000 in funding from corporate and charitable sponsors over the 2017/18 financial year, nearly two-thirds of it went into programme delivery and hosting events.

“We work out of our trailer. We go all around the Wellington region. We don’t have an office, we just turn up, open up our trailer and through wetsuits out,” Zoe says.

“Currently I throw everything into the back of my car and

while the Wellington team has a dedicated trailer we don’t have one for any of the other teams.”

Mountains To Sea’s 10th anniversary will be celebrated further this Saturday with a free public snorkelling event at Princess Bay this Saturday from 10am-3pm.

■ **The Pledge Me fundraising campaign finishes on December 19 with the aim of raising \$20,000. They are currently at about \$15,000. To make a donation go to pledgeme.co.nz/projects/5866.**

Rakiura (satellite region)

Te Wharawhara (Ulva Island) marine reserve



Sponsors



Poor Knights Island marine reserve

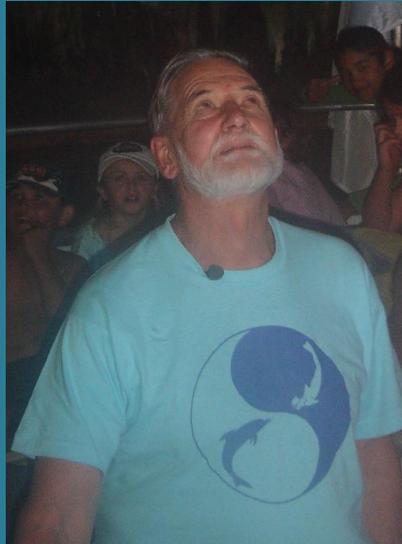


In memory of...

The late and the great



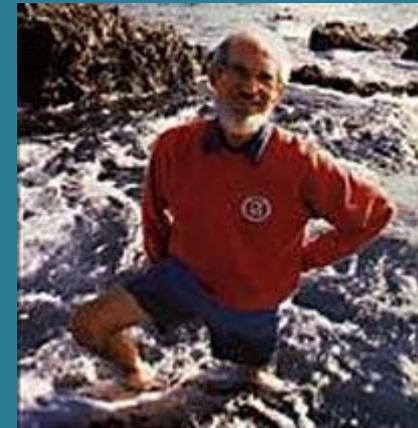
Dr Roger Grace
1945 - 2019



Wade Doak
1940 - 2019



Hone Taumaunu
1929 - 2016



Dr Bill Ballantine
1937 - 2015