

Sustainable Seas Conference

National
SCIENCE
Challenges

SUSTAINABLE
SEAS

Ko ngā moana
whakauka

Title: Te Au o Te Moana / The Voice of the Ocean
Date: 24 and 25 February 2022
Venue: Oceania Room, Te Papa, Cable Street, Wellington
MC: Pahia Turia

Aims:

- Increase connectivity between Māori partners, stakeholders, and researchers.
- Increase Māori partners, stakeholders, and researchers understanding of the Challenge research outputs and their relevance.
- Increase connectivity between projects.

Conference programme

Day 1: Thursday, 24 February 2022

Time	Programme details
9.00-10.30am	Session 1: Introduction <ul style="list-style-type: none">• Tāngata Whenua Conference Opening• Welcome - Tania Simpson Chair Sustainable Seas NSC• Opening of conference - Minister Parker• Introduction to conference theme - Joe Harawira• Sustainable Seas in a global context - Ian Perry and Ingrid van Putten
10.30-11.15am	<i>Morning tea</i>
11.15-1.00pm	Session 2: Transitioning to a blue economy <p>Aim: To outline blue economy research and examine its potential impact</p> <p>Session description: A blue economy consists of activities that create economic value and contribute positively to social, cultural and ecological well-being in Aotearoa New Zealand. Sustainable Seas sees the blue economy as an aspirational goal and has invested research funding in areas that will stimulate activities across existing and emerging BE sectors. This session will present a selection of the Blue Economy research projects and ask how best to translate results into impact.</p> <p>Presentations:</p> <ul style="list-style-type: none">• Encouraging restorative economies in Aotearoa New Zealand's marine spaces – Nigel Bradly

	<ul style="list-style-type: none"> • Making a seaweed sector in an EBM framework – Serean Adams • Growing marine and coastal ecotourism in New Zealand – Simon Milne • Indigenising the blue economy – John Reid and Jason Mika • Reducing interactions between commercial fishing gear and the seafloor – Oliver Wilson • Pātangaroa hua rau: the bioactive potential of sea stars – Matt Miller <p>Panel discussion: Translating Blue economy research into impact. An expert panel in sustainability transitions will reflect on how to sharpen impact and translate research into action.</p>
1.00-2.00pm	Lunch
2.00-3.30pm	<p>Session 3: Te Pūtahitanga – The interface between science, policy, Te Tiriti o Waitangi and Mātauranga Māori</p> <p>Aim: To promote examples of science and mātauranga Māori working together to support outcomes for hapū/iwi and communities.</p> <p>Session description: Mātauranga Māori is increasingly informing science policy and natural resource management approaches in Aotearoa-NZ. This session reflects on – what is mātauranga Māori? Our panel of Sustainable Seas Kairangahau Māori will discuss the opportunities and barriers for the integration of science and mātauranga Māori to supporting hapū/iwi marine management priorities.</p> <p>Presentations:</p> <ul style="list-style-type: none"> • Awahi Mai Awahi Atū: Enacting a kaitiakitanga-based approach to EBM – Richard Bulmer • Ngā Tohu o te Ao: Maramataka and marine management – Waiaria Rameka • Te Tāhuhu Matatau: Empowering kaitiaki of Tangaroa – Caine Taiapa • Kia tika te hī ika: Exploring fisheries tikanga and mātauranga – Maru Samuels • Enabling kaitiakitanga and EBM – Dan Hikuroa <p>Panel discussion: A panel of experts will discuss examples of science and mātauranga Māori working together to support outcomes for hapū/iwi and communities.</p>
3.30-4.00pm	Afternoon tea
4.00-5.00pm	<p>Session 4: Discussion Session</p> <p>Aim: To explore how we can operationalise an EBM approach that is unique to Aotearoa and supports our aspirations for healthy marine ecosystems and a thriving Blue Economy.</p> <p>Session description: Small group discussions will focus on participant reflections, experience and exploration of the information shared during the conference.</p>
5.30-7.00pm	Drinks, poster session

Day 2: Friday, 25 February 2022

Time	Programme details
8.30 – 8.45am	<p>Session 5: Round up of session 4</p> <p>Session description: Report back by early career researchers of the small group discussions on operationalise an EBM approach that is unique to Aotearoa and supports our aspirations for healthy marine ecosystems and a thriving Blue Economy</p>
8.45-10.30am	<p>Session 6: Improved decision-making for the moana</p> <p>Aim: To present insights into policies, plans and practices that could enhance the implementation of EBM and kaitiakitanga.</p> <p>Session description: EBM is a dynamic approach emphasising processes alongside outcomes, and which is constantly evolving rather than being a static endpoint. This session will consider what EBM in practice looks like at different scales, and what can be learned from these examples to support wider implementation.</p> <p>Presentations:</p> <ul style="list-style-type: none"> • Worldviews, values, and knowledges – Lara Taylor • Opportunities for influencing processes to support EBM – Elizabeth Macpherson • Co-developing agent-based models to support EBM decision making – Andrew Allison <p>Panel discussion: Putting the moana at the heart of our decision-making. A panel of co-development partners will share their insights and experiences.</p>
10.30-11.15am	<i>Morning tea</i>
11.15-1.00pm	<p>Session 7: Healthy seas</p> <p>Aim: To integrate ecological understanding of cumulative effects into stressor management to aid ocean recovery.</p> <p>Session description: This session will highlight research on the cumulative effects of multiple stressors on ocean health. It will show how ecological understanding can be incorporated into marine spatial planning tools and decision guidelines to improve ecosystem health. The implications of cumulative effects for management and consequences for risk frameworks will also be discussed.</p> <p>Presentations:</p> <ul style="list-style-type: none"> • Moana degradation and recovery from a hapū perspective – Kura Paul-Burke • Ecological understanding of cumulative effects and emerging frameworks for recovery – Rebecca Gladstone-Gallagher • Integrating the cumulative effects of multiple stressors into spatial planning tools – Tom Brough • Conceptual framework for integrating cumulative effects into stressor management – Simon Thrush • Linking consequences of cumulative effects into risk frameworks – Joanne Ellis

	<p>Panel discussion: Managing cumulative effects for healthy seas. An expert panel will discuss the challenges and solutions to cumulative effects management in the ocean.</p>
1.00-2.00pm	Lunch
2.00-3.30pm	<p>Session 8: Whakatutuki: Bringing it all together</p> <p>Aim: To communicate aims of the synthesis of Sustainable Seas research and the approach to developing outputs with high impact.</p> <p>Session description: This session will provide an overview of the Challenge’s plan for synthesis and highlight examples of where Challenge research has already fed into real life situations and achieved impact. The session includes a panel discussion on what is needed to maximise the impact of synthesis activities and deliver on the Challenge objective.</p> <p>Presentations:</p> <ul style="list-style-type: none"> • Synthesis overview – Chris Cornelisen • EBM strand – Conrad Pilditch • Research process strand – Karen Fisher • Te Ao Māori strand – Linda Faulkner • Blue economy strand – Nick Lewis <p>Panel discussion: Maximising impact of Sustainable Seas. Discussion of the critical elements of synthesis activities and their outputs that will maximise impact and create legacy for Sustainable Seas by end users.</p>
3.30-4.00pm	Afternoon tea
4.00-5.00pm	<p>Session 9: Closing discussion</p> <p>Reflections on what have we learnt from the conference by:</p> <ul style="list-style-type: none"> • Early career researchers • Students • Chairs of advisory panels • Sustainable Seas Chair <p>Tāngata Whenua Conference Closing</p>