

E-PĀNUI WHIRINGA-Ā-NUKU 2021

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IN THIS ISSUE

- Te Pūrongo o Ngā Pou Matarua | Co-Directors Update
- Kaupapa o te Marama: He Huringa Āhuarangi | Rangahau | Research
- Puna Mātauranga | Publications
- Hui | Events, Workshops, Webinars
- Ngā Manaakitanga | Opportunities
- He Pitopito Kōrero | News & Announcements

TE PŪRONGO O NGĀ POU MATARUA | CO-DIRECTORS UPDATE

Ahatia ngā eke tangaroa tō te tangata Me aha kōa he ira tangata tonu Manohi anō te marutuna o te taiao Tūmau āke āke āke

Despite the tremendous achievements of humanity Immortality remains futile Only the awe inspiring presence of nature Remains constant forever

Whiringa-ā-nuku has been a busy month for the Ngā Pae o te Māramatanga team, many of whom continue to work from home in Tāmaki and Waikato. Concern over the increasing COVID-19 case numbers and the challenges of lockdown - particularly for those living alone or with young tamariki - has amplified the importance of providing pastoral care to colleagues and taurua. We are always grateful for the courage and commitment of those working tirelessly to keep our whānau and workplaces safe.

A highlight for NPM this month was the successful launch of *He huringa āhuarangi, he huringa ao: a changing climate, a changing world*, led by NPM senior researcher Dr Shaun Awatere.

We feature the mahi (work) of Shaun and his colleagues below and are incredibly proud that their work is already having an impact, making its way to the 2021 United Nations Climate Change Conference (COP26) in Glasgow.

A major report concerning the future of Aotearoa's Research, Science & Innovation (RSI) sector was also released this month. *Te Ara Paerangi Future Pathways Green Paper* marks the start of a consultation for a multi-year programme of sector reform. Areas singled out for change include Tiriti obligations and opportunities to support Māori research aspirations and mātauranga Māori, whole-of-system research priorities, and future funding of the RSI system.

NPM Co-Director Professor Tahu Kukutai was invited to speak at the launch of the green paper alongside the Minister of Research, Science & Innovation, Hon. Dr Megan Woods and Associate Minister Hon. Dr Ayesha Verrall (<https://youtu.be/gvDln7Hig>)

The team at NPM were delighted to be able to invite in from home to watch former Board member Dame Cindy Kiro be sworn in to the role of Governor-General [NZ's Kim Hill Interview | Dame Cindy Kiro: the first female Māori governor-general](#).

Dame Cindy has long been a trailblazer. Her stellar record includes being the first wahine Māori to be appointed the Ahorangi Chief Executive of the Royal Society Te Apārangi, and she was previously the Children's Commissioner and Pro-Vice Chancellor (Māori) at Auckland University. For her swearing in ceremony Dame Cindy wore a magnificent kākūkiwi made by the late Te Ahi Awa weaver Erenora Puketapu-Hetet. E poho kereru ana mātou e te kahurangi!

Finally, NPM is honoured to be able to announce a new named internship in memory of our much-loved colleague Dr Paora Mato. Named internships honour those who have made a significant contribution to the life of NPM. A computer scientist, [Paora worked for many years at the interface of digital innovation and mātauranga Māori](#); with his University of Waikato colleagues Assistant Professors Te Taka Keegan and Hemi Whaanga. The intern will work with Te Taka and leading engineer Professor Kim Pickering to create a 3D carving based on a taonga (treasure) owned by Paora. The project has been co-created with Paora's whānau.

Ngā Pou Matarua | Co-Directors

- Professor Tahu Kukutai
- Professor Linda Waimarie Nikora

KAUPAPA O TE MARAMA: HE HURINGA ĀHUARANGI

With the release of 'He huringa āhuarangi, he huringa ao', and the beginning of COP26, the implications of climate change for Te Ao Māori, our mokopuna (grandchildren), and future mokopuna is front of mind.

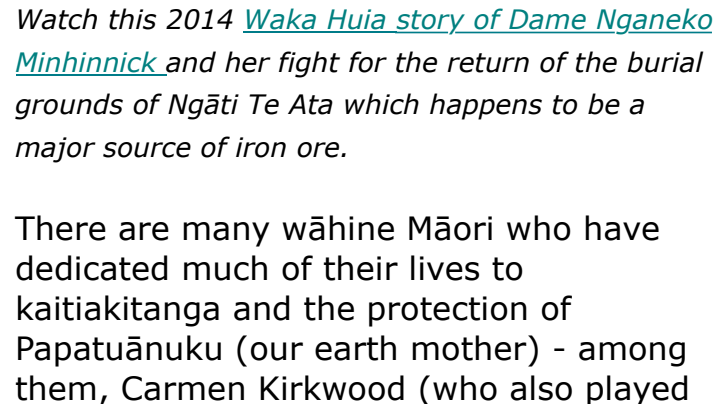
Our researchers continue to work alongside communities to better understand climate change impacts and possible adaptation strategies that are meaningful and actionable for them. In doing so they are guided by our NPM values and rangaitiatanga (leading with integrity and commitment), kaitiakitanga (caring responsibility for each other, the planet and future generations), manaakitanga (respecting all life forms) and whanaungatanga (building genuine and meaningful relationships).

The late [Dame Nganeko Minhinnick](#) - one of Aotearoa New Zealand's greatest environmental champions - embodied all of these values. Born and raised in Waikau among her Kaihau whānau, [Dame Nganeko's leadership](#) potential was evident to her kaumātua (elders) at a young age. She was only 19 years old when she became kaitiaki (steward) of Tāhuna marae.

In 1985, Dame Nganeko was one of the leaders of the watershed [Manukau Harbour claim to the Waitangi Tribunal](#) - a kaupapa (claim) that was instrumental in the development of the 1991 Resource Management Act. Dame Nganeko's life was dedicated to advancing numerous kaupapa to protect the wellbeing of the whenua and wai (land and waters) of her peoples. In 1990 she also won the rights for Ngāti Te Ata to monitor and protect waahi tapu (sacred sites) at Maioiro.

Dame Nganeko's impact and influence was also national and global. She worked on a number of environmental cases that set legal precedents in Aotearoa, and in 1988 was the first wahine Māori to speak at the United Nations in [Geneva](#). Her words there remain as relevant:

"*The most urgent thing, apart from stopping the desertion to our sacred places and waterways, is that we want the New Zealand government to honour the Treaty of Waitangi and to work with us in establishing our real and practical self-government.*"



Watch this 2014 [Waia Hui](#) story of Dame Nganeko Minhinnick and her fight for the return of the burial grounds of Ngāti Te Ata which happens to be a major source of iron ore.

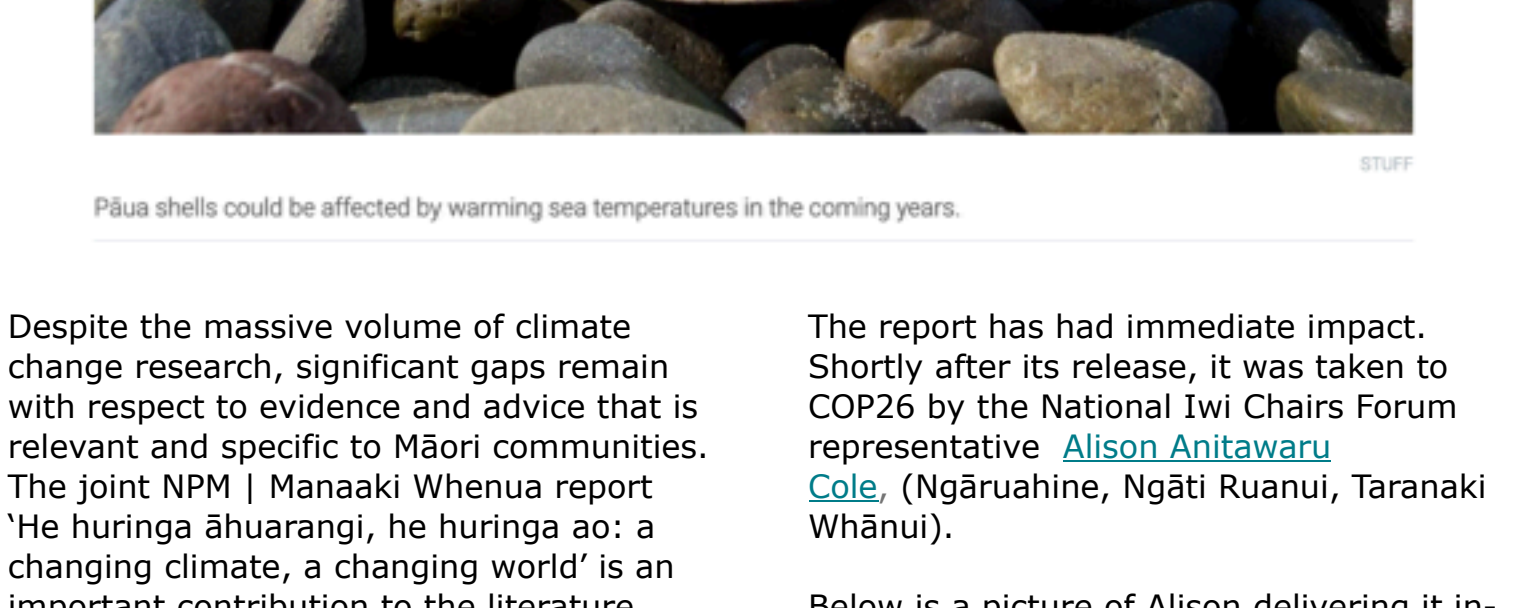
There are many wahine Māori who have dedicated much of their lives to kaitiakitanga and the protection of Papatūānuku (our earth mother) - among them, Carmen Kirkwood (who also played a crucial role in the Manukau Harbour claim), and Eva Rickard. And more recently, we have benefitted from the wisdom and advocacy of wahine that include Green Party Co-leader Hon Marama Davidson, Tina Ngata, Tina Porou, Melanie Mark-Shadbolt, and Pania Newton.

RANGAHAU | RESEARCH

He Huringa Āhuarangi, He Huringa Ao: A Changing Climate, a Changing World
Dr Shaun Awatere | Lead Researcher

Climate change impact on Māori wellbeing and culture 'sobering' yet 'insightful'

Britney Degana - 05:00, Oct 22 2021



Pūa shells could be affected by warming sea temperatures in the coming years.

Despite the massive volume of climate change research, significant gaps remain with respect to evidence and advice that is relevant and specific for Māori communities. The joint NPM | Manaaki Whenua report 'He huringa āhuarangi, he huringa ao: a changing climate, a changing world' is an important contribution to the literature, providing a unique kaupapa Māori risk assessment approach to climate change, and offering culturally responsive recommendations and solutions.

Led by Dr Shaun Awatere, the work was undertaken by a multidisciplinary Māori research team working across many research institutions and communities. The report synthesises the latest climate change research through a Māori lens, and identifies the potential impacts, implications, and mitigation strategies for whānau, hapū, iwi and Māori business. It follows the recent release of an Intergovernmental Panel on Climate Change report forewarning that global temperature is expected to reach or exceed 1.5°C of warming over the next 20 years.

The report finds that Māori well-being across all four key domains - environment, Māori enterprise, healthy people and Māori culture - will be moderately impacted by 2050. By 2100, the risks to ecosystems are likely to show severe impact, compromising many aspects of Māori well-being.

The report sets out how the production and ecology of freshwater, terrestrial and coastal-marine ecosystems and biodiversity in Aotearoa will be challenged by projected warming temperatures and reductions in rainfall. Vulnerable flora and fauna may face habitat loss and in some cases extinction. Any decline in the quantity and quality of keystone species like pūa, kina and koura, will adversely impact Māori customary practise, cultural identity, social cohesion, and well-being.

Cultural infrastructure, especially in exposed areas (e.g. river valleys and coastal areas), will be particularly vulnerable to climate change impacts, and some marae and papakāinga may have to be moved, along with uprūp to long lying and coastal lands prone to flooding and erosion.

While some hapū and iwi are developing their own adaptation and mitigation plans, the report provides Māori-focused guidance on areas often overlooked in mainstream reports.

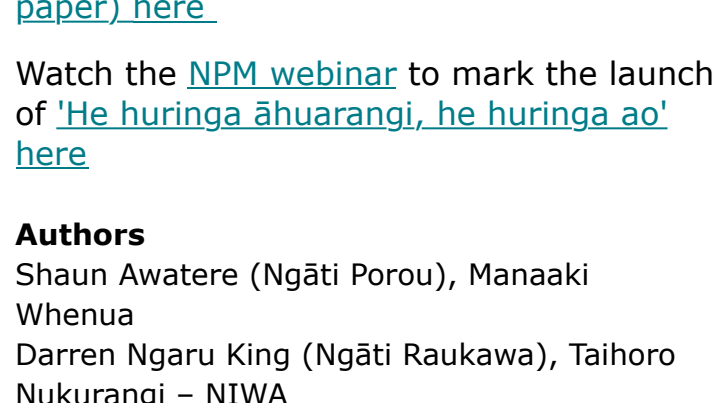
The authors note: "Evidence suggests climate-related adverse health impacts are expected to become more severe and be borne disproportionately by groups like Māori who already suffer health inequities."

In a recent interview with Stuff, Shaun says the intent of the report was to help provide iwi and hapū with a starting point for their own adaptation planning, including engagement with local government and other authorities.

<https://www.stuff.co.nz/pou-tiaki/126750843/climate-change-impact-on-mori-wellbeing-and-culture-sobering-yet-insightful>

The report has had immediate impact. Shortly after its release, it was taken to COP26 by the National Iwi Chairs Forum representative [Alison Anahimana Cole](#). (Ngāruahine, Ngāti Ruanui, Taranaki Whānui).

Below is a picture of Alison delivering it in-person to [COP26 President](#), the Rt Hon. Alok Sharma MP (see below).



We congratulate the authors on delivering a timely piece of research on a critical issue facing te ao Māori and indeed te ao whānui (the world at large).

Download the [report here](#)
Download the [Arotahi paper \(summary paper\) here](#).

Watch the [NPM webinar](#) to mark the launch of 'He huringa āhuarangi, he huringa ao' [here](#)

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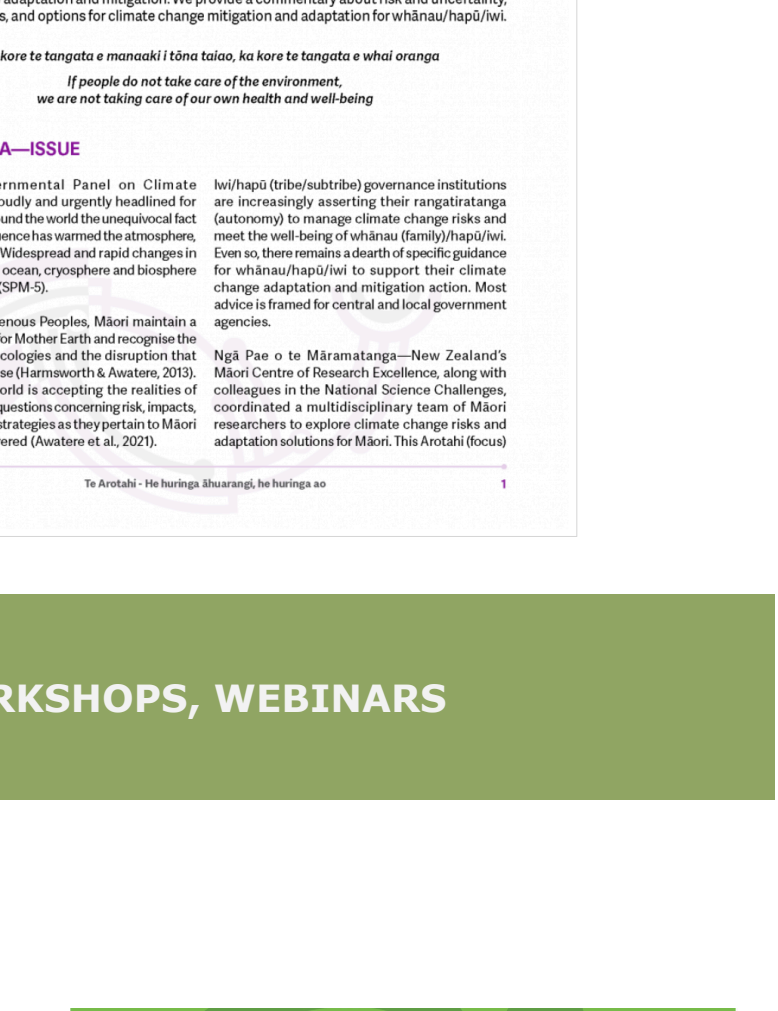
Interviews and Reviews
20 October 2021 | [Te Ao Taputahi with Holden Hiriāia](#), CBE Māori Whenua
20 October 2021 | [Waatea News: Climate change devastating Māori by century end](#)
22 October 2021 | [Phus.Org: How climate change will affect Māori, and how to adapt](#)
22 October 2021 | [Stuff interview with Dr John Reid and Dr Shaun Awatere](#)

PUNA MĀTAURANGA | PUBLICATIONS, JOURNALS

Te Arotahi Paper Series October 2021 No. 07

The research report *He huringa āhuarangi, he huringa ao: a changing climate, a changing world* is also available in a short format as part of the [Te Arotahi occasional paper series](#).

Te Arotahi provides Māori-researched evidence and focuses on specific critical topics to support discussion, policy and positive action.



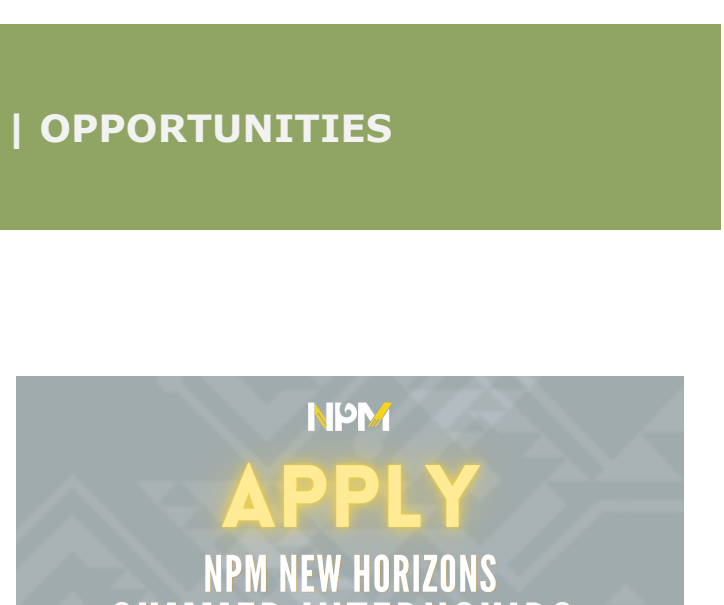
HUI | EVENTS, WORKSHOPS, WEBINARS

Webinar Replay

On the day of its release, NPM hosted a webinar with authors of the report 'He huringa āhuarangi, he huringa ao: a changing climate, a changing world'.

Dr Shaun Awatere, Dr Bridgette Masters Awatere, Dr John Reid, Dr Pauline Harris and Dr Rhys Jones drew a large audience to their session speaking to their respective domains covered in the report.

The webinar recording can be viewed on our Media Centre.



NGĀ MANAAKITANGA | OPPORTUNITIES

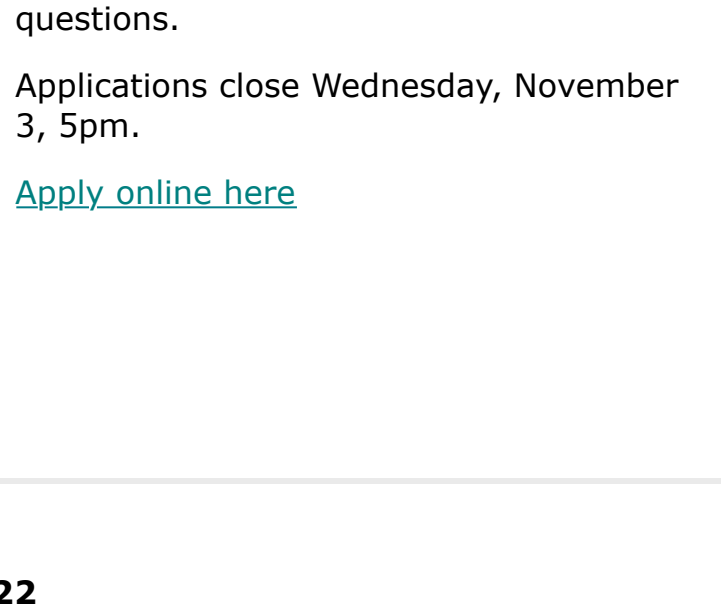
Borriin-NPM Legal Research Internships

Since announcing our 2021-2022 summer internships we've had a steady flow of applications through. There's still time for pre-doctoral Māori students to apply but you'll need to be quick.

Applications close **Monday, 1 November 5pm**.

The programme is about growing tomorrow's Māori research leaders who are able to set and pursue strong research directions to produce knowledge foundational to building a flourishing future for Māori.

This year we have nine internship projects on offer: [Project Descriptions](#)



NPM New Horizon Summer Internships



The Borriin Foundation has once again partnered with NPM to offer two legal internships focused on researching a legal issue of relevance for a Māori community that aligns with Ngā Pae o te Māramatanga research themes and high-level research questions.

Applications close **Wednesday, November 3, 5pm**.
[Apply online here](#)



SAVVY for Māori researchers - Auckland 2022

The 2021 SAVVY for Māori researchers workshop has been postponed until 2022. Launched in 2016 with the [Science Media Centre](#), **Savvy for Māori researchers** is a free-workshop aimed at increasing the visibility of Māori researchers and impacts from their work in both mainstream and Māori media outlets.

Places are limited. Apply for the 5-6 April 2022 workshop [here](#).

Media Savvy for Māori Researchers
5-6 April 2022
Waipapa Marae
Waipapa Taumata Rau
Auckland

Applications close 4 March.
Please visit [here](#) for more information on SAVVY training or to register your interest in future workshops.

HE PITOPITO KŌRERO | NEWS, ANNOUNCEMENTS

NPM Tautoko Futures Seminar Series

Professor Papaarangi Reid was the guest at the recent Tautoko Futures Online seminar series supporting postgraduate and doctoral recipients of scholarships, grants, and internships. The seminars are held fortnightly. They began in May and will finish in December.

Papaarangi responded to questions from taurua about COVID-19, vaccination, and pandemic-related inequities affecting Māori. As a health professional Papaarangi promotes vaccination and said that body sovereignty is an issue that has recently arisen in some of the medical groups she is a part of. That is, people are asserting that because they have sovereignty over their own bodies, they have the right to refuse to be vaccinated.

She weighed that up against what is good for the benefit of society as a whole, versus the rights of the individual. She also talked about being a good ancestor for future generations and what that might mean for future generations of tamariki Māori in twenty, thirty years' time and how the decisions we make now will impact on them.



Noho ora mai rā,
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