



# Te Tūāpapa Pūtaiao o Aotearoa mō Te Tiri o Te Moana

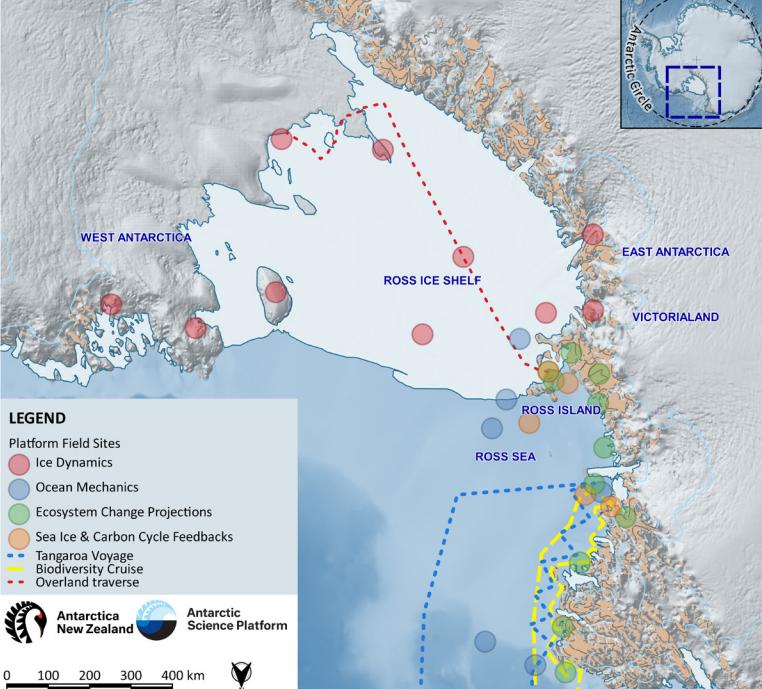
He whakapūteatanga whakaharahara nō Te Kāwanatanga o Aotearoa te kaupapa rangahau o Te Tūāpapa Pūtaiao mō Te Tiri o Te Moana, e tautoko nei i ētahi aronga pūtaiao huhua ā-kikokiko nei, ā-mātauranga koiora pūtaiao anō hoki, e hōmiromirotia rawatia nei e ngā hoa mātanga o te ao.

E mārama ana Te Tūāpapa ki te whawhati tata o te mōhiotia o ngā pānga o Te Tiri o Te Moana ki ngā āhuatanga katoa o te ao, me ngā panonitanga pea ki a ia i roto i tētahi ao e mahana haere nei.

## NGĀ ARONGA O TE RANGAGAU

Ko te paeroa o Te Tūāpapa, e titiro roa ana, e titiro poto ana hoki ki ēnei:

- Te ū o ngā whārangī tio o Te Uru o Te Tiri o Te Moana, me ana pānga ki te pikinga, hekenga wai tai o te ao
- Te tio, te kōhauhau, me ngā tukanga moana kei te Ross Sea Region, i tētahi ao e mahana haere nei
- Te pānekeneke o te pūnaha hauropi o te Ross Sea Region ki ngā panonitanga taiao



## Ā-NAMA NEI

\$49 *Miriona*

7 Tau: 2018–2025

100+ *Kairangahau*

25 *Kairangahau hou*

30+ *Tauira raukura*

10 *Uepū rangahau*

### TE TIRI O TE MOANA: HE KĀPUINGA PANONITANGA TAIAO

He wāhanga nui whakaharaha ngā whenua tio ki te āhuarangi o te ao, me ngā pūnaha moana, ā, ko ngā panonitanga ki te taiao o Te Tiri o Te Moana e pā ana katoa ki te ao.

Ka āwhina nui te rewanga o te tio i Te Tiri o Te Moana i ō anamata pikinga wai tai, me ngā waipuketanga hoki ki tātahi, he raru tēnei ka pā nui ki ngā kāinga me ngā hapori noho hāhaka. I Te Tiri o Te Moana, e kitea kētia ana ētahi panonitanga āhuarangi ki te āhua o te tio moana, me te huhua ake o ngā wā e rewa ai ngā awa kōpaka me ngā whata tio. Ko ngā panonitanga ā-taiao, pēnei pū i te pāmahana, te rewanga-wai me ngā uhinga tio moana, he whakatumatumatanga ki te oranga, ki te matomatonga, ki te huhua hoki o ngā tipu me ngāi kīrehe e tūhāhā nei i uta, i tai hoki o Te Tiri o Te Moana.



### TŪĀPAPA RANGAHAU

E mahia ana ngā rangahau ki ētahi wāhi pāmamao, kino hoki nei te huarere: ko te rukunga ki ngā wai he -1.8°C te pāmakariri ki te mātiotiro i ngā ariā kei raro i te tio moana, ki te taunaha hoki i ngā rārangi maunga pāmamao ki te whakatau nōnahea i ūhia whakamutungatia ai ērā toka mārakerake e te tio, ki te whakatere hoki ki ngā moana Whakatetonga rawa atu e māramatia ai ngā āhuatanga moana me te pūnaha hauropi ā-moana o reira. Mā te tāwiri i ngā whata tio mānu o Te Tiri o Te Moana e kitea mai ai ngā korukoru o te moana me ngā para ā-moana hoki kei raro rā, e mārama ai ngā rekoatanga tūhāhā i rerekē ai a Te Tiri o Te Moana i te mahana haeretanga o ngā rā tēnā i ērā o nāianei. Hei āpitihanga ki ngā mahi e mahia kētia nei e Aotearoa i Te Tiri o Te Moana, e tautoko ana ngā rangahau a Te Tūāpapa i te kaitiakitanga o te rohe Ross Sea (tirohia te mapi). Ko ngā mahi a ā mātou kairangahau e arotahi ana ki ngā āhuatanga tio moana, mātai aumoana me ngā whata tio, me ngā ariā hoki o Te Tiri o Te Moana - hei whakautu i ngā pātai e whakauaua nei i tō tātou āhei ki te mōhio ki ngā utu o te taiao e panoni haere nei.



### NGĀ MOKAMOKA MŌ ANAMATA

Mā Te Tūāpapa rangahau e whai raraunga ai tātou e pā ana ki ngā whanaketanga o ō tātou ake mōhiotanga ki ngā tukanga matua, ki ngā panonitanga āhua, ka whakahekeha hoki e tēnei rangahau ngā āwangawanga ki ngā whakapae mō anamata e pā ana ki te mahana haeretanga o te ao. Ko tā mātou rautaki whanonga-rau, mā roto mai i tētahi taiwhanga whakamātautau, ka whakapae i te panoni haeretanga o te āhuarangi, o te moana, o ngā whārangi tio me ngā rerenga rauropi hoki i roto i ngā tau.

He wāhanga nui a Te Tiri o Te Moana nō ngā whakahaere o te ao. Ka tautokona e ngā hua o tēnei rangahau ētahi kaupapa here, me ētahi whakataunga mā ana huarahi whakataunaki, e tanekaha ake ai a tā Aotearoa whai wāhitanga atu ki te pūnaha Tiriti o Te Tiri o Te Moana, mā te whakawanake i ngā tiakitanga taiao, me te tautoko hoki i ngā hirahiratanga o te Ross Sea Marine Protected Area.

Kei roto i ngā wero o te mōhio ki ngā panonitanga e pā ana ki Te Tiri o Te Moana ētahi huarahi e maiangī ai te mōhiotia ō ētahi kaipūtaiao. E ai ki ngā uara o Aotearoa, e manawanui ana Te Tūāpapa ki te tuku i ngā āheinga ōrite ki te hunga ka whai wāhi mai ki te kaupapa rangahau kei Te Tiri o Te Moana.

Ko tō mātou whai wāhitanga nui whakaharaha ka rangona i roto i te tiakitanga o ngā taiao tūhāhā o Te Tiri o Te Moana, me te hau ake o te rangona o ngā panonitanga āhuarangi ki te ao, e niwha ake ai te mārohirohi o te pāpori.

