

Tūpuna Maunga Authority approved research project list

The Tūpuna Maunga Authority (TMA) Monitoring Strategy states that the Authority will adopt a list of potential research projects. This list allows an easier pathway for these research activities to be permitted and catered for on the Tūpuna Maunga.

In developing this list, Management have considered how different research projects align with the values of the Tūpuna Maunga, and the types of research that external organisations have approached us to undertake in the past.

The list below has been approved by the Authority, but will be reviewed and updated on an annual basis. This research project list is not exhaustive.

TMA Value	Pathways	Potential research projects
Wairuatanga / Spiritual Value	<ul style="list-style-type: none"> Restore and recognise the relationship between the Maunga and its people Recognise the Tihi as sacred Tread gently Treat the Maunga as taonga tuku iho / treasures handed down the generations 	<ul style="list-style-type: none"> Research put forward and endorsed by Mana Whenua and the Tūpuna Taonga Trust pertaining to the spiritual values of the Maunga
Mana Ao Tūroa / Cultural and Heritage Value	<ul style="list-style-type: none"> Enable Mana Whenua role as kaitiaki over the Tūpuna Maunga Encourage culturally safe access Recognise European and other histories and interaction with the Maunga Restoring customary practices and associated knowledge 	<ul style="list-style-type: none"> Research on the history of the Maunga and/or its geoh heritage value History and analysis of the Tūpuna Maunga Treaty settlement, including studies on the co-governance structure Research on customary practices relating to the Maunga, e.g. raranga, whakairo, and rongoā
Takatoranga / Whenua / Landscape Value	<ul style="list-style-type: none"> Protect the integrity of the landscape for the Tūpuna Maunga Encourage activities that are keeping with the natural and indigenous landscape Active restoration of the natural features of the Maunga Preserve the visual and physical integrity of the Tūpuna Maunga as landscapes of Tāmaki 	<ul style="list-style-type: none"> Geological research, e.g. dating the eruptions, understanding the Auckland Volcanic Field, natural hazard/emergency management Research into methodologies or technologies that protect archaeological areas. This could include geospatial research, e.g. 3D mapping.

	<ul style="list-style-type: none"> • Promote a connected network of Tūpuna Maunga • Encourage design that reflects the Tūpuna Maunga 	
Mauri Punaha Hauropi / Ecology and Biodiversity value	<ul style="list-style-type: none"> • Maunga Tū, Maunga Ora, Maunga Tū, Makaurau Ora/ If the Maunga are well, Auckland is well • Protect the biodiversity of the Tūpuna Maunga • Strengthen ecological links between the Tūpuna Maunga 	<ul style="list-style-type: none"> • Research into specific indigenous flora and fauna populations and how they can be protected, e.g. native bird urban migration, disease control (e.g. myrtle rust) • Research into alternative pest control practices and technologies, e.g. urban trapping techniques, monitoring pest halos, reducing herbicide/pesticide use • Research into the importance of the Maunga in the urban carbon cycle to reduce greenhouse gas emission and improve air quality
Mana Hononga Tangata / Living Connection Value	<ul style="list-style-type: none"> • Rekindle the sense of living connection between the Maunga and the people • A place to host people • Actively nurture positive relationships • Give expression to the history and cultural values of the Tūpuna Maunga 	<ul style="list-style-type: none"> • Research into behaviour change with regards to use of the Tūpuna Maunga • Research into how to encourage and promote Mana Whenua connection with the Tūpuna Maunga
Whai Rawa Whakauka / Economic Commercial Value	<ul style="list-style-type: none"> • Alignment with the Tūpuna Maunga Values • Focus on commercial activities that create value and enhance experience • Foster partnership and collaboration • Explore alternative self-sustaining funding opportunities 	<ul style="list-style-type: none"> • Research into economic opportunities for Ngā Mana Whenua o Tāmaki Makaurau on the Tūpuna Maunga
Mana Whai Rehia / Recreational Value	<ul style="list-style-type: none"> • Balancing informal and formal recreation • Encourage informal and inclusive recreational activities • Promote health and well being • Maunga are special places and treasures handed down 	<ul style="list-style-type: none"> • Urban planning, e.g. understanding the connection between urban green spaces and hauora • Physical education, e.g. how the Maunga can be used as a space to promote traditional Māori sports/games/activities and how to use that as an educational tool for engaging rangatahi in Te Ao Māori