

90814R



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

QUALIFY FOR THE FUTURE WORLD
KIA NOHO TAKATŪ KI TŌ ĀMUA AO!

Level 2 Education for Sustainability 2021

90814 Demonstrate understanding of aspects of sustainability in different contexts

Credits: Four

RESOURCE BOOKLET

Refer to this booklet to answer the questions for Education for Sustainability 90814.

Check that this booklet has pages 2–7 in the correct order and that none of these pages is blank.

YOU MAY KEEP THIS BOOKLET AT THE END OF THE EXAMINATION.

RESOURCE A: The critical need for good governance in the 21st century

What is good governance?

New Zealand is ranked highly on the Worldwide Governance Indicators (WGI), which assess

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is also responsive to the present and future needs of society.

Indigenous people and good governance

For indigenous people, good governance is equally important in their relationship with their

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New Zealand and good governance

New Zealand has a widely recognised need for public and transitional housing. On 21 January



Prime Minister of New Zealand, Jacinda Ardern



growth rate, but its indigenous people aren't thriving, are we truly in good health?"

Acknowledgements

Material from the following sources has been adapted for use in this resource:

https://www.victoria.ac.nz/__data/assets/pdf_file/0009/1286280/WP13-03-Assessing-good-governance.pdf (Retrieved 22/03/21)

<https://www.econstor.eu/bitstream/10419/81039/1/688432662.pdf> (Retrieved 03/02/21)

<https://www.tpk.govt.nz/en/whakamahia/effective-governance/what-is-governance> (Retrieved 3/2/21)

<http://maorilawreview.co.nz/2014/12/indigenous-peoples-good-governance-human-rights-and-self-determination-in-the-second-decade-of-the-new-millennium-a-maori-perspective/#:~:text=For%20Indigenous%20peoples%2C%20good%20governance,also%20within%20Indigenous%20communities%20themselves.&text=This%20core%20right%20of%20all,of%20all%20other%20human%20rights> (Retrieved 3/2/21)

Foundation of Maori Governance.pdf (waikato.ac.nz) (Retrieved 2/3/21)

<https://researchcommons.waikato.ac.nz/bitstream/handle/10289/7700/Foundation%20of%20Maori%20Governance.pdf?sequence=2&isAllowed=y>

<https://www.nz.co.nz/news/political/434946/jacinda-ardern-s-government-facing-continued-criticism-over-its-housing-plans> (Retrieved 14/3/21)

<https://www.tandfonline.com/doi/full/10.1080/1177083X.2017.1345766> (Retrieved 23/3/21)

RESOURCE B: The threat of the mosquito

Mosquitos, disease, and climate change

Climate change will expose half of the world's population to disease-spreading mosquitos by

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for the first time by 2080.

New Zealand's response to mosquitos

New Zealand's Ministry of Health launched a campaign to fight mosquito-borne diseases in

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unlikely to support long-term endemic transmission of arboviruses in New Zealand.

Pacific islands and mosquitos

Our Pacific island neighbours do not get off so lightly. The Cook Islands declared an outbreak

area's mosquito population usually dies out.

Acknowledgements

Material from the following sources has been adapted for use in this resource:

<https://www.rnzcgp.org.nz/GPPulse/Opinion/COVID-19-flu-vaccinations-and-equity.aspx?WebsiteKey=5d6ca365-aa40-4574-8861-3f40caea2dce> (Retrieved 3/2/21)

<https://www.rnz.co.nz/news/te-manu-korihi/434846/covid-19-maori-to-be-prioritised-for-vaccination> (Retrieved 3/2/21)

<https://e360.yale.edu/digest/climate-change-will-expose-half-of-worlds-population-to-disease-spreading-mosquitoes-by-2050#:~:text=March%205%2C%202019-,Climate%20Change%20Will%20Expose%20Half%20of%20World's,Disease%2DSpreading%20Mosquitoes%20By%202050&text=Scientists%20and%20public%20health%20officials,dengue%2C%20chikungunya%2C%20and%20Zika> (Retrieved 3/2/21)

<https://www.contagionlive.com/view/west-nile-virus-can-climate-change-cause-mosquito-migration> (Retrieved 2/2/21)

<https://www.nature.com/articles/s41564-019-0376-y#Ack1> (Retrieved 8/2/21)

<https://www.carbonbrief.org/mosquito-borne-diseases-could-reach-extra-one-billion-people-as-climate-warms> (Retrieved 7/2/21)

<https://www.nzherald.co.nz/travel/dengue-fever-outbreak-in-cook-islands/47VP5TILTTHF6GUGTQKWJU3XFI/> (Retrieved 3/2/21)

<https://www.nature.com/news/bacteria-could-be-key-to-freeing-south-pacific-of-mosquitoes-1.22392> (Retrieved 22/3/21)

RESOURCE C: Sea level rise and climate change

Sea level rise is one of the major impacts of climate change's many challenges. As humanity

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hope for a viable future.

Sea level rise and New Zealand

A study from US-based Climate Central puts the number of Kiwis living within two metres of

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Flooding in Jakarta, 



coastal development to rising seas.

Acknowledgements

Material from the following sources has been adapted for use in this resource:

<https://niwa.co.nz/climate/information-and-resources/coastal-climate-change> (Retrieved 12/2/21)

<https://www.stuff.co.nz/environment/climate-news/117013714/homes-of-240000-kiwis-in-way-of-worst-case-2100-sea-level-rise-study-indicates> (Retrieved 2/2/21)

<https://www.climatecentral.org/news/report-flooded-future-global-vulnerability-to-sea-level-rise-worse-than-previously-understood#:~:text=Mainland%20China%2C%20Bangladesh%2C%20India%2C,the%20same%20vulnerability%20at%20midcentury> (Retrieved 1/3/21)

<https://resiliencechallenge.nz/wp-content/uploads/2018/07/Hanna-C.-White-I.-Glavovic-B.-2017-Managed-retreat-in-New-Zealand-revealing-the-terminology-approaches-and-direction-of-local-planning-instruments.pdf> (Retrieved 2/3/21)

<https://www.nzherald.co.nz/nz/maori-burial-grounds-under-threat-from-rising-seas-increasing-storm-events/5XCN72RZH6OKH7CX2BOWDSUF7I/> (Retrieved 12/3/21)

