Generative AI for Climate Change Adaptation: Newsletter 2



What's new for the project?

- The project team is hard at work on developing the GenAl platform that will be the primary focus of our research. This platform will pull information from Manaaki Whenua datasets and the scientific literature to provide accurate and reliable responses.
- The team is also in the process of developing survey and workshop materials so that we can gather the necessary feedback from prospective users about how helpful the platform is.

Research outcomes

Dan Richards and David Worden published a paper in *npj Climate Action* at the end of the last year. This paper highlights challenges in the way that GenAl can be misused to influence discussions and decisions about climate change. The paper is open access and can be read here:

Nature npj Climate Action Paper

David and Dan also released an article at the end of last year which compares human-only versus GenAl content in three different science communication use cases. The manuscript is currently under peer review but can be read as a pre-print here: GenAl Quality for Science Communication Paper



GenAl image used to communicate future park aspirations, from the pre-print article. [Midjourney]



GenAl-created subliminal message in image from Richards & Worden (2024). [Illusion Diffusion]

Other GenAl news

In January, central government released the Public Service Al Framework which helps us to understand where the long term trends of GenAl use for public benefit is headed, you can read about the framework here: Public Service Al