Generative AI for Climate Change Adaptation: Newsletter 1



- The project is officially launched! On 20th November 2024 the project team met in person to have a formal start-up meeting for the project.
- The team met at Manaaki Whenua's main office in Lincoln and took advantage of the rare opportunity to have a hui in person. The team members are widely distributed, with the furthest based in France.

Research outcomes

Our team member Karaitiana Taiuru recently published a book chapter on Al regulation from a Māori perspective. A summary can be found on his website: <u>https://www.taiuru.co.nz/artificial-</u> <u>intelligence-regulation-from-a-maori-</u> <u>perspective/</u>, with the chapter available in the book "Al governance ethics : artificial intelligence with shared values and rules".

Earlier this year we published a perspective article about potential applications of GenAI to support naturebased solutions. This gives a preview of some ideas we will test in the coming years. Available online here: https://doi.org/10.1002/pan3.10622



Midjourney GenAl image of trees in pasture landscapes for an ongoing survey project.



Manaaki Whenua Landcare Research

Presentation on uses of image GenAI

Our team member David recently gave a webinar about the use of GenAI to visualise future land use planning scenarios. The recording is available online here:

https://www.youtube.com/watch?v=yrYMT_jz4k

Other GenAl news

The Royal Society Te Apārangi is developing guidelines for bestpractice use of AI in research, through discussions with researchers across Aotearoa. Learn more here: <u>Guidelines for the best-practice use</u> of AI in research.