

# AI for the Environment Hackathon Festival

**We are:**  
Atlantiz

**Topic:**  
Land Erosion Prediction

**Names:**  
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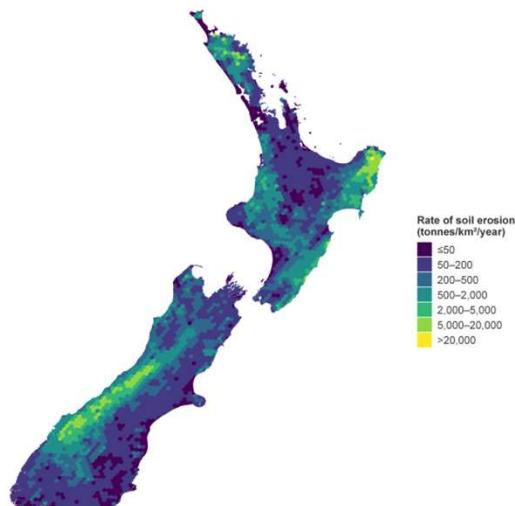
# WHY ATLANTIZ



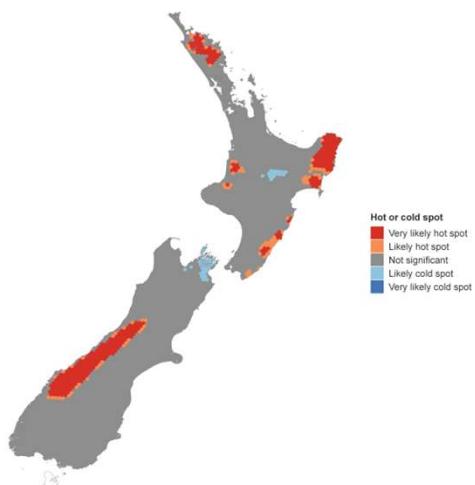
AI Hackathon

# PROBLEM FOR NEW ZEALAND

Estimated long-term soil erosion, 2022

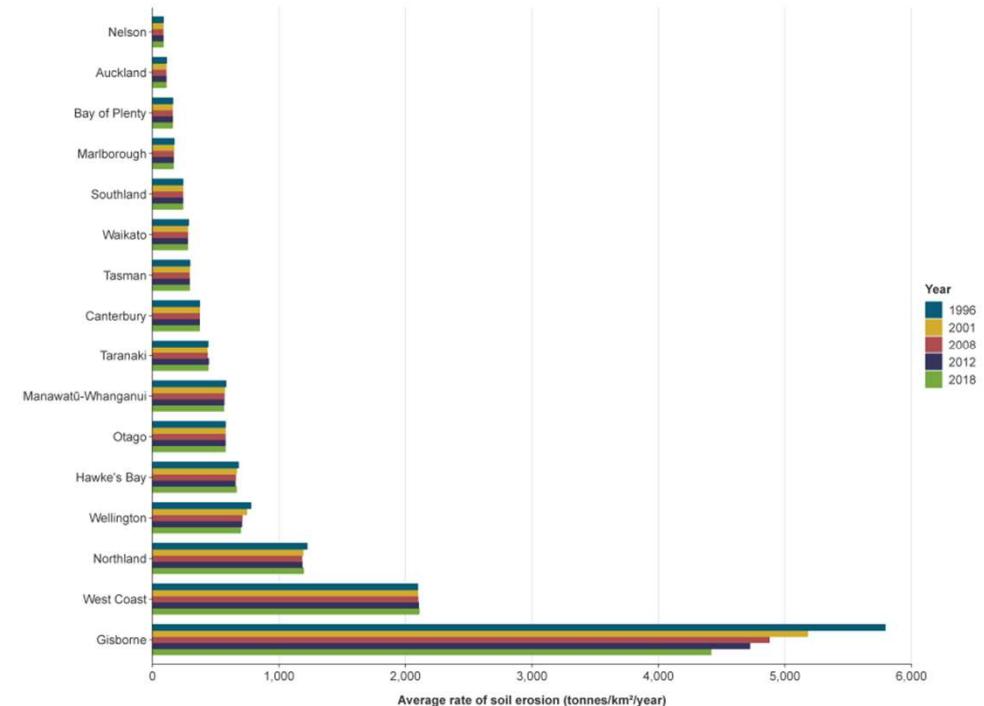


Hot and cold spots for long-term soil erosion, 2016–2022



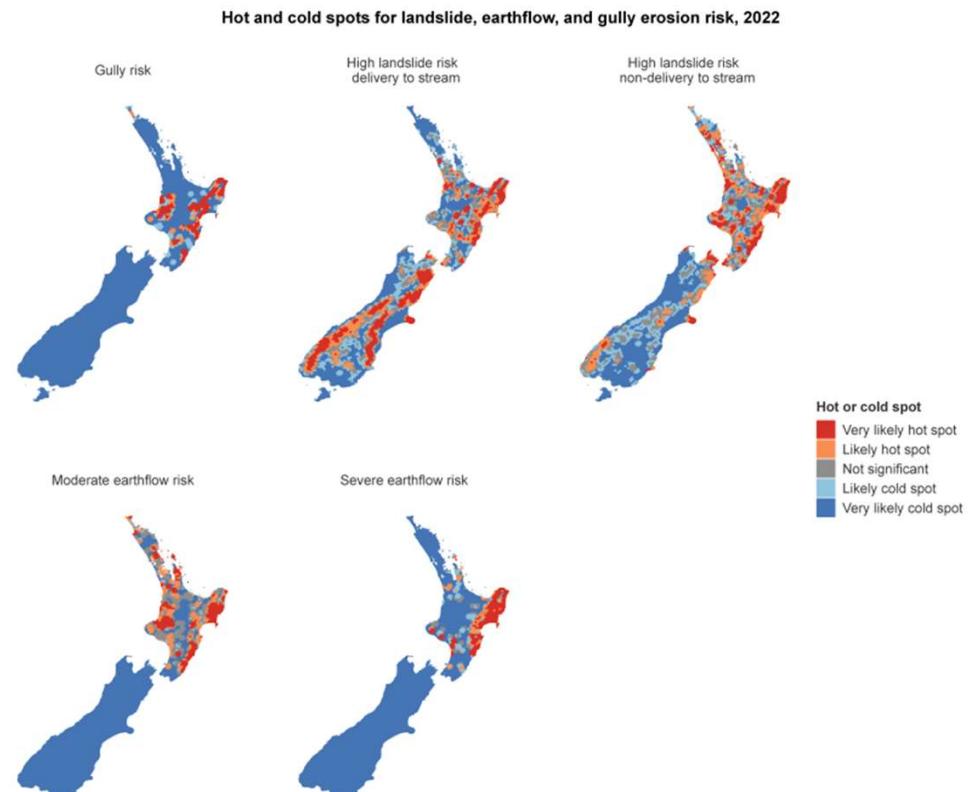
Source: Manaaki Whenua - Landcare Research.

Average rate of soil erosion by region, 1996–2018



Source: Manaaki Whenua - Landcare Research.

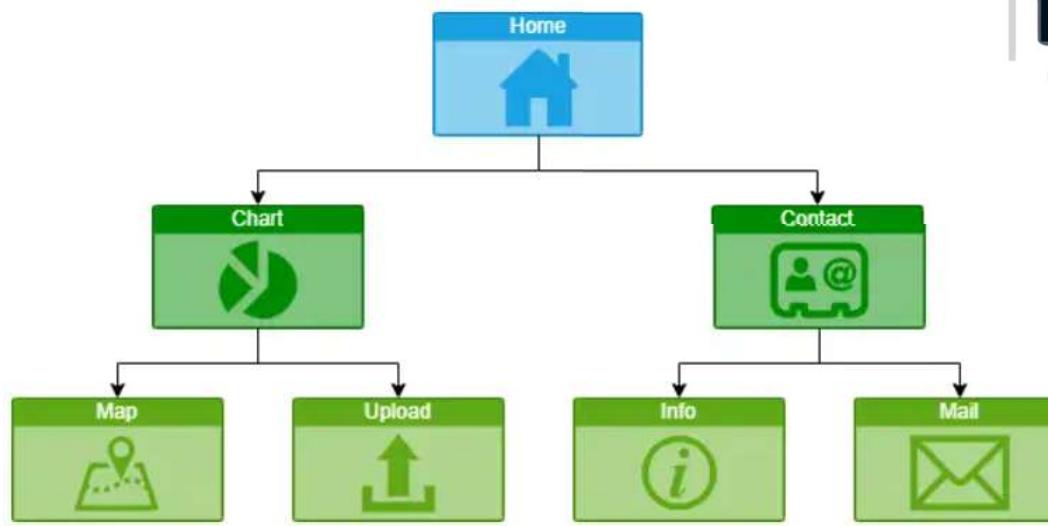
# PROBLEM FOR NEW ZEALAND



Source: Manaaki Whenua – Landcare Research.

# SOLUTION

WEBSITE - <https://atlantiz.netlify.app/>



# PRODUCT EXPECTATION



# SOLUTION

How our site solves the problem?

- Attract more funding
- Looking for new approaches (long term)

How AI help?

- Evaluation
- Prediction
- Monitoring



# FUTURE IMPACT





Thank you!  
Questions?



# References

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- <https://www.discovermagazine.com/environment/coastal-cities-are-sinking-as-sea-levels-rise>
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