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About the NZ Resilience DIVE Platform

The NZ Resilience DIVE Platform provides a catalogue of research and information relevant to disaster risk reduction (DRR) and resilience in New Zealand.

We invite you to catalogue, discover, share, and use DRR and resilience data to make informed decisions and enhance problem-solving and innovation.

The Data Integration and Visualisation En-Masse (DIVE) Platform

What is the DIVE Platform?

The NZ Resilience DIVE Platform website provides a catalogue of research and informations relevant to disaster risk reduction (DRR) and resilience in New Zealand. The site helps people catalogue, discover, share, and use DRR and resilience data easily to make informed decisions and enhance problem-solving and innovation.

There is an increasing flow of information from governmental sources, organisations, researchers, and the public. This information can help us answer some of society's most pressing questions, but we need to be able to find, understand, and apply this data in meaningful ways. Processes such as recording and sharing high quality metadata (i.e., data about data) can increase the interoperability and reusability of the information being collected and shared.

The DIVE Platform is created and maintained by Resilient Organisations and New Zealand's research community. It is funded by QuakeCoRE and the Resilience to Nature's Challenges National Science Challenge.

The DIVE platform:

- Allows for the identification of critical data, providing a searchable platform to find relevant, reusable datasets for new research.
- Is able to add value to current research and datasets.
- Fosters relationships between researchers and data providing organisations
- Can aid response and recovery actions and decision making.

What information is being collected on DIVE?

- Metadata describing past and current DRR research, resilience research, and ongoing research and information gathered from disaster events in New Zealand.
- Valuable research data not available elsewhere and with the potential to integrate datasets available on other web platforms.

QuakeCoRE
NZ Centre for Earthquake Resilience

Resilient
ORGANISATIONS

Who is contributing data?

- DRR researchers who have been involved in the conversation and outputs around building resilience in NZ. In the first instance, we are approaching researchers at QuakeCoRE and those involved with the Resilience to Nature's Challenges project.

What will the data be used for?

- Possibilities are endless. As a sharing platform, it allows for a transformational research environment, allowing for innovative new discoveries through the recycling of data. However, to create this environment, we need researchers such as yourself to lead the way in sharing data.

Where will the data be stored?

- Currently any data uploaded to the DIVE platform website will be stored on Catalyst Cloud servers.

How secure is my data?

- Data is stored on Catalyst Cloud. These servers are certified to PCI Data Security Standards and one is ISO 27001 certified. For a detailed description of Catalyst Cloud's privacy and compliance standards, please visit their [website](#).
- We encourage you to store and maintain sensitive datasets on your own personal systems. You can enter metadata on DIVE and provide your contact details, so others can get in touch about your research.

Who can access my data?

- Anyone with a DIVE account. However, the way other people are able to use your data will depend on the specific Creative Commons licence you select when entering your data into DIVE. We encourage users with private or sensitive datasets to store these on personal servers and enter only metadata into DIVE.

How do I share my data on DIVE?

1. Create information about your data (i.e., metadata) to help other researchers understand your data, how they can use it, and any potential limitations they may need to be aware of.
2. Ensure your data is stored on the cloud so it can be linked to the DIVE platform. DIVE can store multiple format types, whether it's a CSV or Excel spreadsheet, a Word or PDF document, an image file etc. Alternatively, you can provide your contact details for people to get in touch with you about sharing data.
3. Upload the data to the DIVE platform. This is an easy process that only takes a few minutes of your time.

What's in it for me?

- Be part of the transformational research movement. Your data could be the key to innovative new research. You'll also be making useful connections, on top of collaborating with other researchers nationwide. Remember, you're able to include license information so that people know how they can use your data.
- Increase your citations – publish data and publish descriptions of your work so others can find and cite you.
- You can let stakeholders and others know what you're doing before you publish in journals by uploading metadata describing your ongoing research.

National SCIENCE Challenges | RESILIENCE TO NATURE'S CHALLENGES | Kia manawaroa – Ngā Ākina o Te Ao Tūroa