



The New Natural Hazards Research Platform

- Kelvin Berryman, Platform Manager

Natural Hazards Research Platform

Key Features

- ◆ To provide a stable, long-term research environment for scientists
- ◆ Moving from a competitive to a collaborative environment
- ◆ Emphasis on consensus between researchers and end-users on research priorities

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Platform Structure

- ◆ Managed by the research providers, led by GNS Science and NIWA
- ◆ Members are those agencies that currently have natural hazards research contracts
 - Auckland, Canterbury and Massey universities, and Opus International Consultants, in addition to GNS & NIWA

Natural Hazards Research Platform

Theme 1
Geological
Hazards
Models

Theme 2
Predicting
Weather, Flood
& Coastal
Hazards

Theme 3
Resilient
Buildings &
Infrastructure

Theme 4
Developing Regional and National Risk Evaluation Models

Theme 5
Societal Resilience: Social, Cultural, Economic & Planning Factors



New Zealand is resilient
to natural hazards

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Theme Leaders

- ◆ Geological Hazards – Gill Jolly
- ◆ Weather-related Hazards – Michael Uddstrom
- ◆ Resilient Buildings and Infrastructure – Dave Brunson
- ◆ Risk Evaluation Models – Andrew King
- ◆ Societal Resilience – David Johnston

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Application of Research Funds

- ◆ Funds from FRST (soon to become Ministry of Science and Innovation) is allocated via a negotiated process
- ◆ Research priorities being decided by research leaders, the Platform Management Group, and the Strategic Advisory Group

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Platform Priorities

- ◆ Review of strategic priorities underway
- ◆ Supporting the vision of a Resilient New Zealand
- ◆ What are the 'key questions' that end-users would like researched?
- ◆ And along comes the 4 September Darfield Earthquake

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Concept for Platform Research and Application

