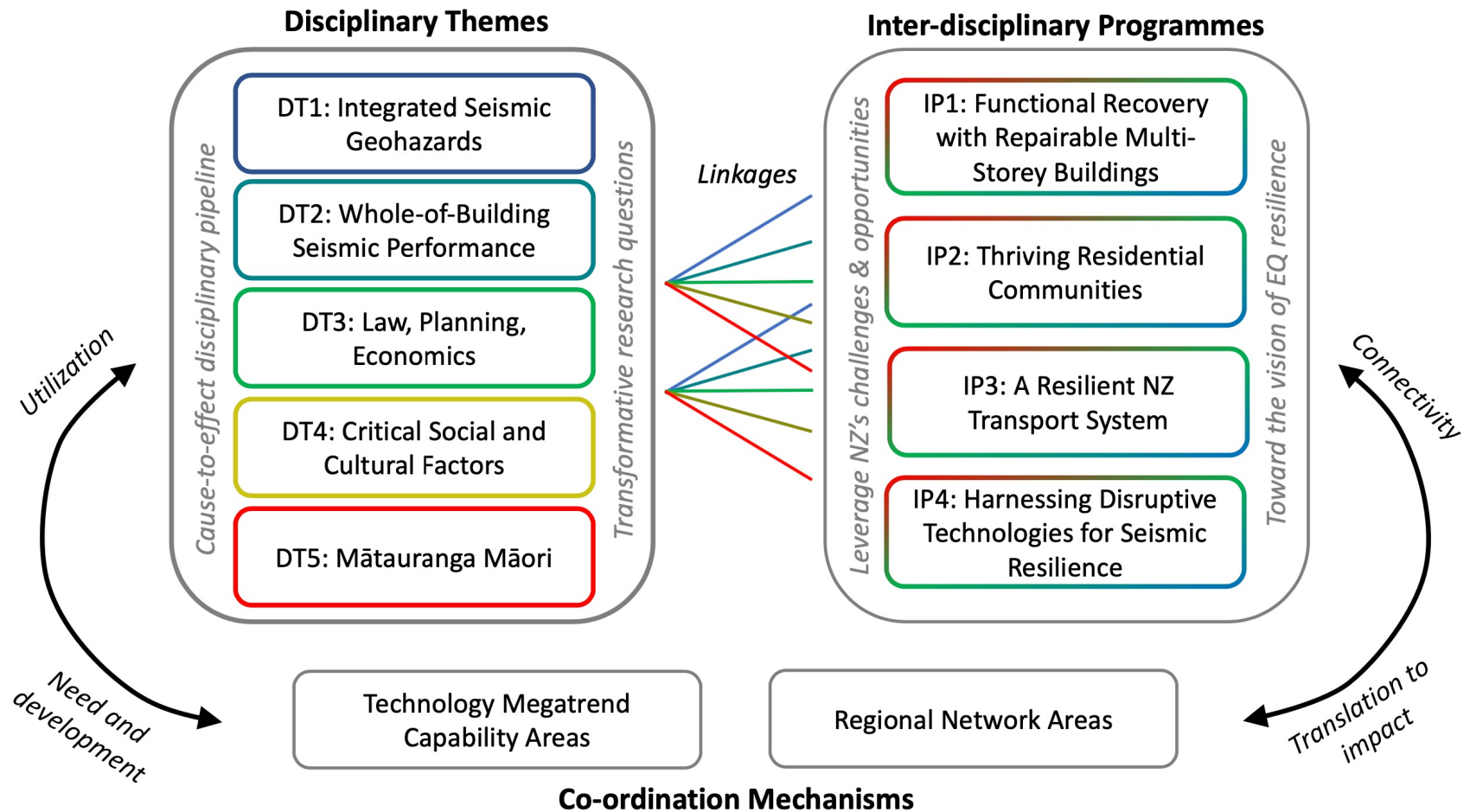


# Overview of DT1: Integrated Seismic Demands and Consequent Geohazards

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# From QC2 proposal



**Figure 1: QuakeCoRE (Phase 2) Research Structure.** Disciplinary Themes collectively span the disciplinary pipeline of earthquake resilience research and focus on transformative research questions; Inter-disciplinary Programmes leverage NZ's unique challenges and opportunities toward the global vision of earthquake resilience using NZ as a natural earthquake laboratory; Coordination Mechanisms enhance the Disciplinary Themes and Inter-disciplinary Programmes through accelerating capability development and utilization of research technologies, and regional networks that provide connectivity and a pathway to impact.

# DT1 wiki page

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URL:

<https://wiki.canterbury.ac.nz/display/QuakeCore/DT1%3A+Integrated+Seismic+Geohazards> (monthly talk PDFs added to this wiki)

Context: This programme provides a continuation of [Flagship 1: Ground Motion Simulation and Validation](#) and [Flagship 2: Liquefaction impacts on land and infrastructure](#) as well as the inclusion of other geohazards (Fault rupture, landslides), and the integrated treatment of these geohazards in earthquake resilience context.

# Monthly meetings

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- *Odd months:* Three separate meetings for three strands of: 1) 'ground motion', 2) 'liquefaction', 3) 'fault rupture and slope stability'
- *Even months:* One 'joint' meeting where we look to develop our workplan on 'integrated geohazards' with a proposed case study in the Wellington region
- The aim of this two-month cycle is to allow low-level disciplinary discussions to occur as well as the multi-disciplinary interactions to gradually build up.

# Aims of monthly meetings

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- QuakeCoRE is an open collaboration!
- Trust: Playing long-term games with long-term people
- Openness: Sharing results from in-progress research – where it is most valuable to get inputs; and also allows for the greatest collaborations and coordination among multiple research efforts
- Funding source agnostic: We don't care who covers the basic research costs – we are interested to hear from you / your team(s) if you are doing work related to the topics on these calls – if unsure please ask and we will likely invite you to talk!
- These aims are intended to ensure that QuakeCoRE is not simply seen as a source of funding - the \$4.2M/yr amount is tiny when divided across many areas, so it is really the focus on community development and maintenance that is central to the role of QuakeCoRE

## Other items for those new to QuakeCoRE

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- Annual Meeting: 30 Aug – 2 Sept, Nelson
- RfP / PhD Scholarship round – will open mid-Sept and close one month later