

Member Institution Data

Logo or Photo of Institute in jpg format



Name of Institute	Joint Centre for Disaster Research
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Outline

An international centre for research and teaching in disaster risk and emergency management.

The Joint Centre for Disaster Research (JCDR) provides a state-of-the-art, high-quality, graduate teaching and contemporary research programme to Aotearoa New Zealand and people worldwide.

By doing so, we develop community disaster resilience by leading and delivering risk identification, communications, and reduction and readiness programmes in communities and organisations across the nation and beyond.

Research Achievements and Challenges:**Research Achievements:**

Established in 2006, JCDR is a leading centre on disaster research in New Zealand. Our research on psychosocial and behavioral aspects of disasters is world leading. We host the IRDR International Centre of Excellence in Community Resilience to study how communities prepare for and recover from disasters. Several members of our team are part of prestigious research groups such as the World Meteorological Organization

steering groups, QuakeCoRE, and national science challenges such as the Resilience to Nature's Challenges. We also have a dedicated unit, Crisislab, that studies technological solutions for disasters such as early warning systems.

Drawing on our expertise in disaster risk reduction and science communication, we work closely with Natural Hazards Commission, National Emergency management agency and other stakeholders. Our research on public education and science communication have significantly influenced the approach to public education, e.g the national Shakeout programme. We are also part of national science education programmes such as the Alpine Fault AF8 programme.

Challenges:

In recent years, the scale and frequency of extreme events have grown significantly in New Zealand. Given we are a small country, a major challenge is in accessing and synthesizing diverse expertise rapidly to develop and share knowledge in today's fast changing world. We therefore see strong value in global collaboration with a wider network, where we can learn from international expertise and improve our research in New Zealand to better support emergency management practice.

Suggestions for GADRI Future Directions:

To have a global initiative to generate better datasets and documentation. Datasets can be captured/collected by different participating institutes so we build standardized datasets for future researchers. Documentation in terms of reports, web pages etc. that are archived after every event so the information is not lost in the web later.