SIG Research Priorities Workshop

Natural Hazards SIG

5 March 2015

Civil Defence and Emergency Management
Te Rakau Whakamarumaru

Auckland Council
Te Kaunihera o Tāmaki Makaurau

National CDEM Strategy

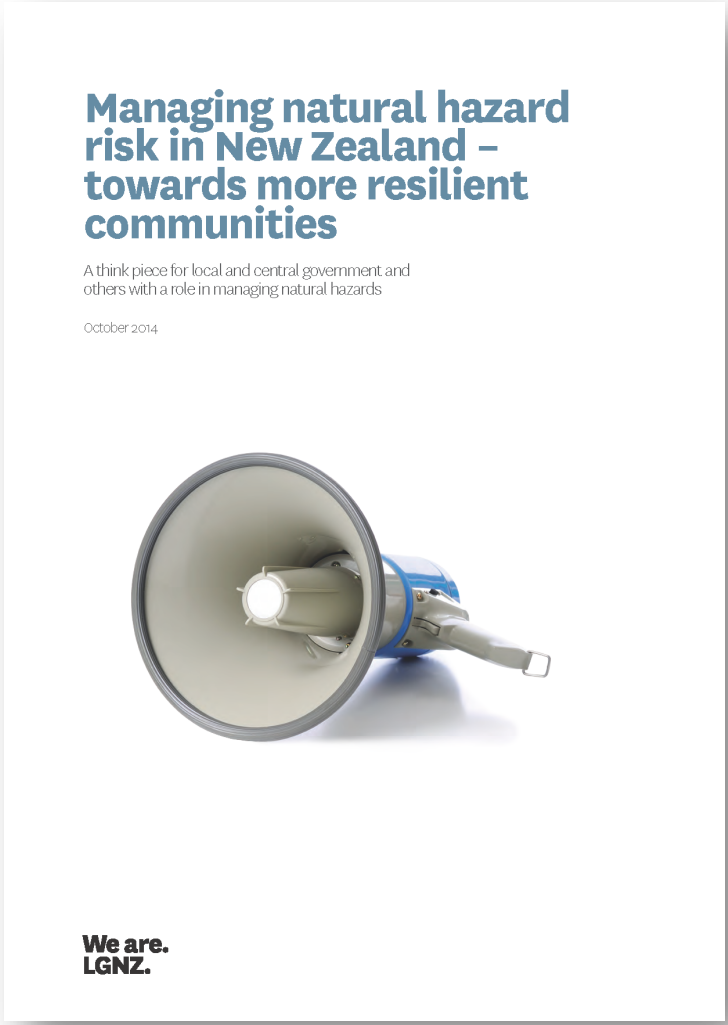
- Multi-hazard research to:
  - Inform communities of their risks
  - Reduce the risks for hazards
- No coordinated national approach to research priorities
- Priorities undertaken at the local scale
  - Leads to inconsistency & funding problems

Research

- Frequency & mapping:
  - Coastal inundation
  - Tsunami (CDEM & Landuse)
  - Seismic
  - Flood
  - Operational Tools
  - CDEM (Evacuation)
- Risk
  - Communication
  - Hazard-specific
  - Infrastructure
- Resilience

LGNZ Thinkpiece

- Research priorities focus on multi-hazard risk reduction
- Significant variability in capacity
- Knowledge of potential consequences is particularly lacking
- Some hazards (flooding and landslip) still need predictive tools to inform decision-making
- Develop nationally applicable risk standards for communities to develop their own risk standards



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