



Summary Profile

December 2013

www.naturalhazards.co.nz

Summary

Natural Hazards Inc. New Zealand (NH Inc. are closely associated Wellington-based New Zealand export focused business cluster networks, giving a combined resource of over 50 member organisations and companies.

Started during the 1998/2000 period and subsequently developed over the years with the support of Wellington Regional Councils and the Wellington Regional Economic Development Agency (now *Grow Wellington*), and NZ Trade & Enterprise as a long term economic development strategic initiative.

International economic development business cluster networks best practices have been researched, adapted and used.

Several major new export markets have been established, new software and hardware products developed, international profiles built with key international and NZ decision makers, member companies grown, along with a building of specialist industry knowledge, relationships and trust between people and organisations both within New Zealand and with overseas partners, and professional talent developed and grown, through the collaborative cluster efforts.

Members are active in the ASEAN region and elsewhere. This includes China, Indonesia, India, Bangladesh, Vietnam, Philippines, and in Turkey, Romania, Armenia, UAE, Iran, USA, Latin America and the Pacific.

During the 2000-2004 period there were a number of exchange visit meetings between Tianjin China and Wellington as part of a Wellington Tianjin Earthquake Mitigation Initiative Partnership with sharing of experiences and information, with the potential for further development, as well as visits involving the China Seismological Bureau (CSB).

In October 2008 several cluster members participated in the 14th World Conference on Earthquake Engineering, Beijing, China.

There has been a particularly active involvement in Indonesia following the 2004 Boxing Day earthquake and tsunami. During 2008 new Indonesia market initiatives included a high level NZ Indonesia Building Community Preparedness for Earthquakes, Tsunami and Volcanic Eruptions Conference held in Jakarta in early August as an initiative of the Indonesian Ambassador to NZ to mark the 50th Anniversary of the Indonesia establishing a diplomatic mission office in New Zealand; securing and implementation of new projects in Nias and Yogyakarta; and market development towards further new projects. This was followed by an early December high level workshop in Wellington and workshops in Indonesia in 2009.

Our members continue to undertake project work and have been heavily involved in both domestic events following the earthquakes in Christchurch in 2011 and other global events with the most recent assistance being offered for The Philippines following Typhoon Haiyan November 2013.

Vision

“Our goal is to help organisations and communities manage the risk of Earthquake, Flood, Tsunami, Volcanic Activity, Cyclone, Coastal Erosion, Landslide, and Slope Instability. We deliver best practice for the specialist management of a client’s risks spanning Reduction, Readiness, Response and Recovery.”

Members of Earthquake + Natural Hazards New Zealand are able to provide expert help with:

- **Strategies for disaster risk reduction, readiness, response and recovery**
- **Development of organisational frameworks for emergency management**
- **Emergency management education**
- **Community preparedness for natural disasters**
- **Development of internet- based Emergency Operation Centres.**
- **Multi-hazard land use planning**
- **Earthquake risk mitigation through:**
 - **Improvement of building controls, standards and codes**
 - **Improved resilience of bridges and engineering lifelines**
 - **Seismic retrofit strengthening of buildings, including simple houses.**
 - **Seismic isolation of important buildings such as hospitals, schools, emergency management centres, government buildings, apartment buildings and heritage buildings**
- **Capability development through education in disaster risk management**
- **Tsunami and flood risk assessment, modelling, mitigation strategies and protection works.**
- **Disaster risk insurance strategies and systems**

Natural Hazards Inc - Key Contacts

Co-Chairs:



Dr Hannah Brackley

GNS Science

+64 4 570 4564, +64 21 481 581

h.brackley@gns.cri.nz



Greg Szakats

URS Limited

+64 4 496 3760, +64 21 680 387

greg.szakats@urs.com

Administration

Initial contact with *Natural Hazards Inc. New Zealand* should be made through the following:

Natural Hazards Inc.

c/- Global Reach Associates Ltd
IPENZ House, Ground Floor
158 The Terrace
PO Box 10 681
Wellington 6143
New Zealand

Please mark for the attention of **Graeme Carroll** and **Blair Griffiths**

Email: Graeme.Carroll@globalreachassociates.com

Blair.Griffiths@globalreachassociates.com

Phone +64 4 470 5554 Mobile +64 21 435 401 Fax +64 4 917 1221

Natural Hazards Inc. NZ

Business Cluster Members & Associates

Aon Risk Services NZ Ltd
Beca International Consultants Limited
Bloxxam Burnett & Olliver
Brendan Morris Consulting
Canterbury Seismic Instruments Ltd
Concrete Structure Investigations Ltd
Cratos Limited
Clendon Burns & Park Ltd
David Hopkins Consulting Ltd
Devereux-Blum Training and Development Ltd
Disaster Prepare Ltd
Dunning Thornton Consultants
Engineering Geology Limited
Geoconsultants Ltd
GNS Science
Hadley & Robinson
Infometrics Ltd
Kestrel Group
Landcare Research Ltd
Massey University/GNS Science Joint Centre for Disaster Research
National Institute of Water and Atmospheric Research (NIWA)
Norton Consulting Ltd
Opus International Consultants Ltd
Robinson Seismic Ltd
Seismic Restraints NZ
Silvester Clark Ltd
Spiire
URS
Victoria University, School of Architecture

Associates:

Greater Wellington – The Regional Council