



# ***NZIS Model for Disaster Recovery***

**23 June 2017**



Natural emergencies occur regularly in NZ. Most are weather related floods and storms but the response that is referred to today is focused on our professions readiness, response and recovery from a major disaster, such as an earthquake, or similar.




# Preparations

- ❖ In 2016 the NZIS Board signed off on a Disaster Recovery Plan as it related to the national office in Wellington.
- ❖ The Board requested that an appendix be added to the plan.
- ❖ The appendix related to what the National Office could do to support branches affected by an emergency and ensuring branches had the tools to respond and support a local or New Zealand wide process.
- ❖ Todd Airey – a surveyor from Canterbury also had a vision except he wanted NZIS to progress a template that would be a support vehicle for world wide emergencies.



# Information is Key...

Society and the professions are now so dependant on up to date, fast, clear concise information, however, emergencies are -

- ❖ Random,
  - ❖ Multifaceted
  - ❖ Constantly changing
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- ❖ The profession now has some very relevant up to date experience with emergencies
  - ❖ We have an opportunity to now be focussed and share our collective experience



# What we were faced with...

- ❖ Chaos
- ❖ Unknown processes
- ❖ Multiple agency controls
  - ❖ Civil defence
  - ❖ Police
  - ❖ Military
  - ❖ MBIE
- ❖ Delays
  - ❖ Access
  - ❖ Assistance
- ❖ Difficulty with communications - who, when, where



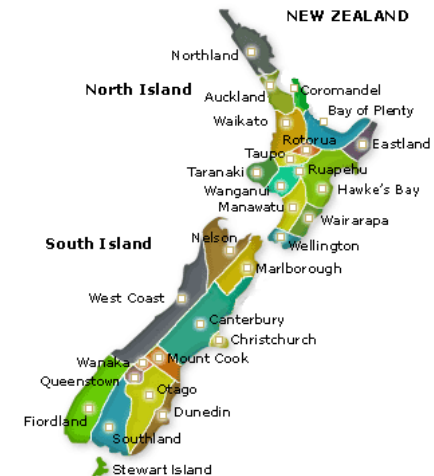
# Where to from here?

## Locally – Surveyors without borders

- ❖ Local CPD events
  - ❖ Members who have experienced events – knowledge sharing
  - ❖ Standardised and consistent approach to reporting
- ❖ Professional support networks
  - ❖ Build on existing networks
  - ❖ Members and suppliers

### Consultation with:

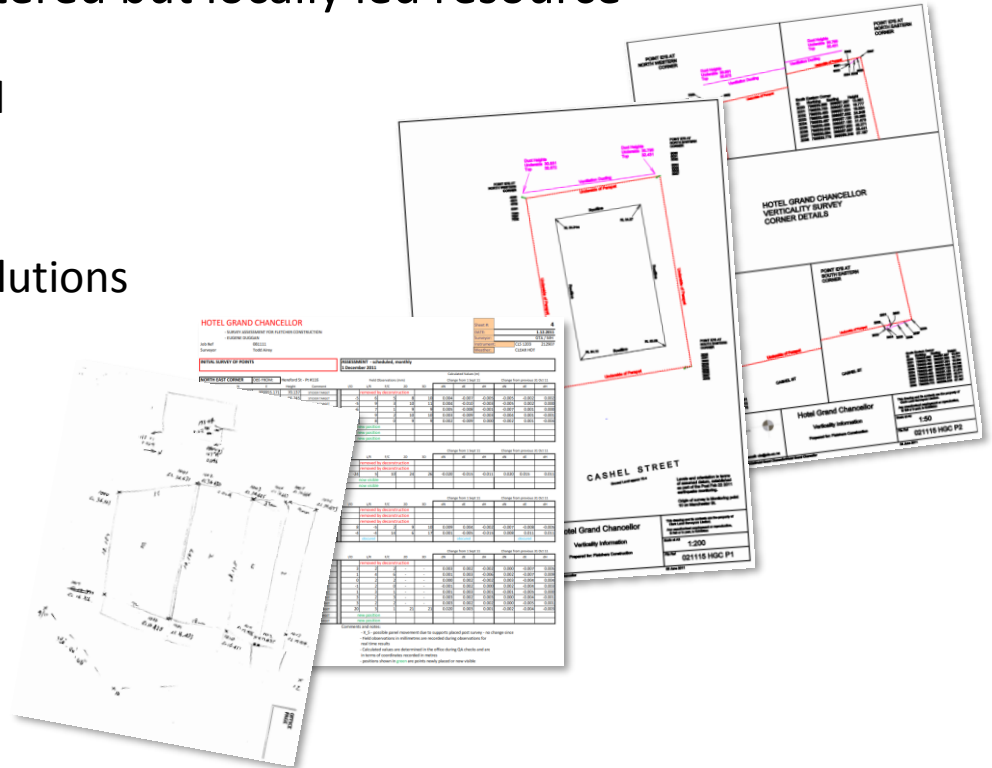
- ❖ Like minded professions
- ❖ Teams who need survey support
- ❖ Groups who need information



# National handbook - why reinvent the wheel?

Intended as a nationally administered but locally led resource

- ❖ Not having to reinvent the wheel
  - ❖ Contact lists
  - ❖ Technology independent solutions
  - ❖ Fieldwork best practice
  - ❖ QA and support
  - ❖ Results
  - ❖ Monitoring
  - ❖ Feedback



# Emergency Survey response

- ❖ Pool equipment
  - ❖ Basic reflector-less theodolite
  - ❖ Large external battery
  - ❖ Basic field equipment
  - ❖ Easy to transport
  - ❖ Basic safety gear for personnel
- ❖ Available to out of province response team?
- ❖ Donations
- ❖ Support
- ❖ Local Champions to care for the kits





# Surveyors without Borders (Intl)

- ❖ Opportunity to share our experiences and responses internationally
- ❖ Create a framework which can be tapped into when a crisis occurs
- ❖ Support from FIG
- ❖ Return the help and support given to NZ





**Thank you**

Questions?

