

# Wairarapa Emergency Management

Greytown Community Board  
11 December 2019



WELLINGTON REGION  
EMERGENCY MANAGEMENT

OFFICE

- About Emergency Management in the region:
  - Hazards
  - Prepared Households
  - Civil Defence Group Structure
  - Official Response
  - Community Response
  - Community Emergency Hubs

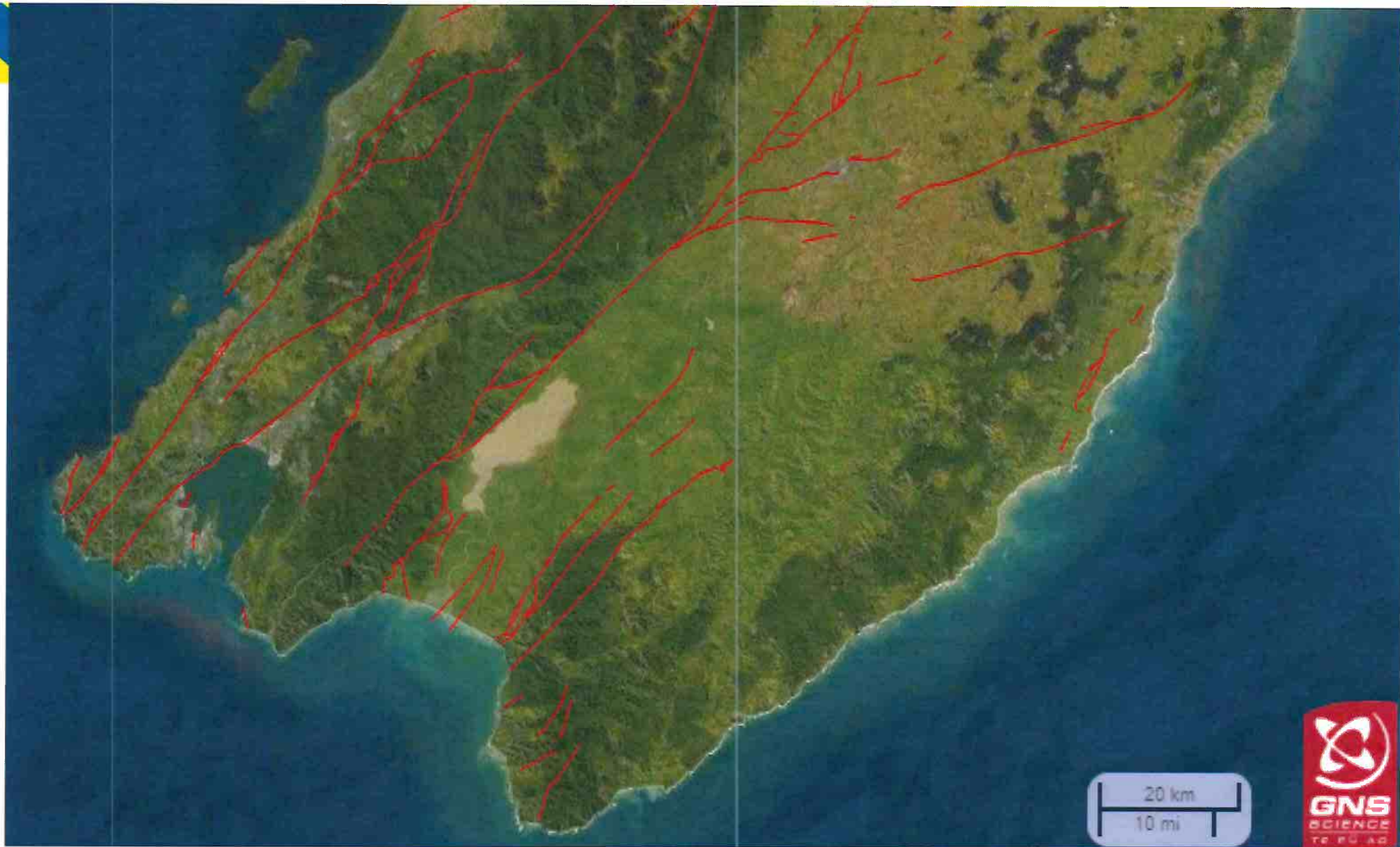


# Wairarapa Earthquakes

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- 1855 Wairarapa Fault ruptured causing NZ's largest recorded earthquake, magnitude 8.2
  - 6m vertical and 13m horizontal land displacement, and at least 9m high tsunami in Palliser Bay
- 1942 Masterton Earthquakes 7.2 (24 June) and 7.0 (2 August)





20 km  
10 mi



# Regional Hazards

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Earthquake

Storm

Pandemic

Transport  
accident

Fire

Tsunami

Hazardous  
substances incident

Flood

Landslide

Volcanic  
eruption

Drought

Lifeline utility failure

# Impacts

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Shortage of critical consumer goods in supermarkets

Overloaded medical services

Can't get in touch with friends and family

Social activities cancelled

No fuel

Damaged houses and workplaces

Staff & residents stressed

Routine disrupted

Lost access

People isolated

Pharmacies unable to resupply

Can't communicate

People needing help

No access to cash

People getting sick

No food or ability to cook

Displaced people

People injured or anxious

Staff unable to get to work

No rubbish collection

No official help or advice

No schools open

No running water, gas or power

Closed shops

Distressed pets

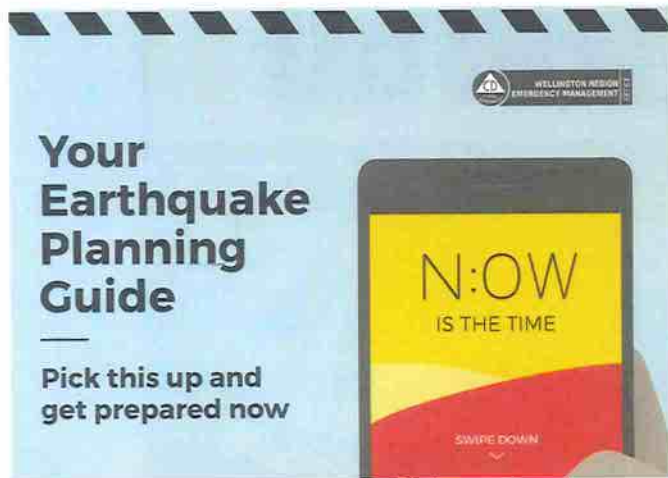
Lost road access

No toilet



# Household Preparedness

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- Household emergency plan
- Emergency supplies
- Know your neighbours.
- Camp at home for a week?



# Live to tell the tale

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Standard message





# Tsunami

## Local sourced tsunami

- Long OR Strong earthquake
- Unusual water movement or sound

DON'T WAIT TO BE TOLD TO MOVE TO HIGHER GROUND –  
LESS THAN 10 MINUTES TO EVACUATE

## Distance sourced tsunami

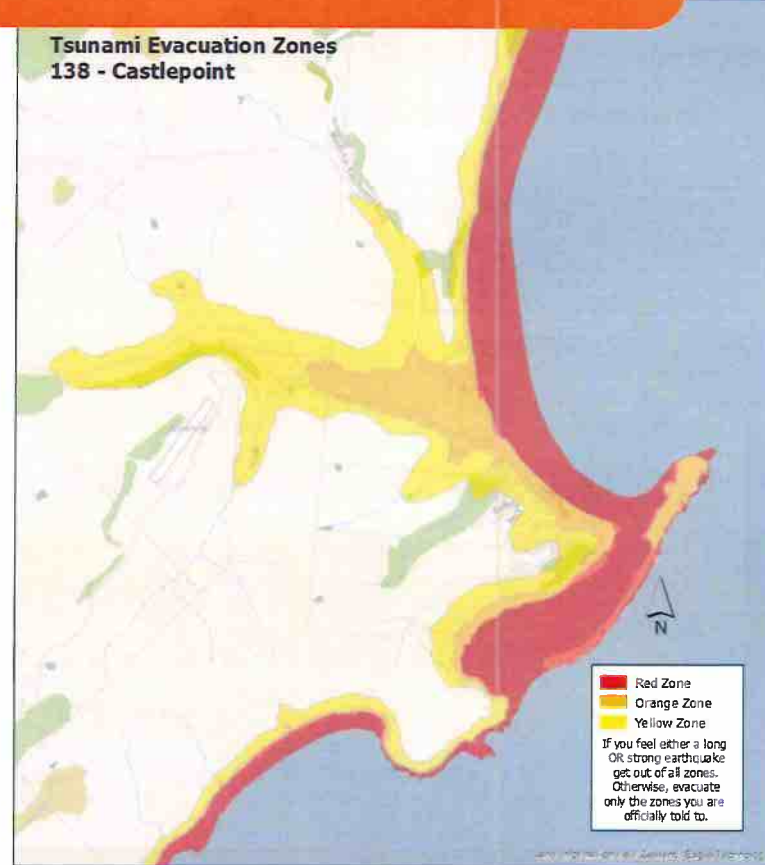
- Red Cross Hazard app
- Radio/social media/websites
- Emergency Mobile Alerts

## Clearing beaches/giving the all clear

- Coastal Coordinators – 78 people from Ocean Beach to Mataikona
- Helicopter reconnaissance/warning – Police support enforcing evacuation
- Rural Fire Forces
- NO TSUNAMI SIRENS



# Tsunami Evacuation Zones



For maps of the Wellington Region and detailed zone descriptions:  
[www.getprepared.nz/tz](http://www.getprepared.nz/tz)



# What to have in your Grab Bag

Your needs, your wants



Warm, waterproof clothing and comfortable shoes



Personal items and documents



Medications, prescriptions and a first aid kit



**Get your water storage sorted now!**

Have you stored enough water for your family for 7 days?



Please don't forget about me!



**CURRENT AVERAGE WATER USAGE PER DAY PER PERSON**

**220 Litres**

31L	Taps
38L	Toilet
38L	Other*
48L	Washing machine
65L <sup>†</sup>	Shower

\*Such as gardening, dishwasher, baths, and leaks.  
† Ratio's based on "Water Use in Auckland Households (EC1356), BRANZ, October 2008"

**HOW MUCH WATER DO YOU NEED AFTER AN EARTHQUAKE?**

**20 Litres per day for 1 person**

If you store 20 litres of water (for one person for one day), you should be able to do the following:

- |               |                            |
|---------------|----------------------------|
| ✓ Drinking    | ✓ Sponge bath              |
| ✓ Cooking     | ✓ Clean wastewater buckets |
| ✓ Wash hands  | ✓ First Aid                |
| ✓ Pets        | ✗ Shower                   |
| ✓ Brush teeth | ✗ Laundry                  |
| ✓ Dishes      |                            |



**3 Litres per day for 1 person**

If you store 3 litres of water (for one person for one day), you should be able to do the following:

- |               |                            |
|---------------|----------------------------|
| ✓ Drinking    | ✗ Sponge bath              |
| ✓ Cooking     | ✗ Clean wastewater buckets |
| ✓ Wash hands  | ✗ First Aid                |
| ✗ Pets        | ✗ Shower                   |
| ✗ Brush teeth | ✗ Laundry                  |
| ✗ Dishes      |                            |



**We recommend that you store enough water for your family for 7 days.**

# Emergency Management in this region

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## MCDEM (Ministry of Civil Defence and Emergency Management)

### Wellington CDEM Group:

- 9 x Local Authorities
- WREMO
- Emergency Services (Police, FENZ, Ambulance, etc)
- Welfare Coordination Committee
- Lifelines Group
- Communities.



# Group Plan



## WHAT ARE THE TOP FIVE HAZARDS WE WILL PLAN FOR?



Pandemic



Earthquakes



Flooding



Tsunami



Storms

» Planning will look to reduce the likelihood of hazards occurring as well as managing the consequences of hazards as and when they occur.

# Lead Agencies in Emergency

## Lead Agencies in an emergency

Hazard	Lead Agency (Regional)	Legislative Powers
<b>Natural</b>		
<b>Geological (e.g. earthquakes, landslide, tsunami)</b>	Wellington Region CDEM Group	CDEM Act 2002
<b>Meteorological (e.g. floods, storms, severe weather)</b>	Wellington Region CDEM Group	CDEM Act 2002
<b>Drought (rural)</b>	Ministry for Primary Industries	Government Policy
<b>Animal and plant pests and diseases</b>	Ministry for Primary Industries	Biosecurity Act 1993, Hazardous Substances and New Organisms Act 1996
<b>Infectious human diseases (pandemic)</b>	District Health Boards	Epidemic Preparedness Act 2006 Health Act 1956
<b>Rural fire</b>	Fire and Emergency New Zealand	Fire and Emergency New Zealand Act 2017
	Department of Conservation (for conservation estate)	Conservation Act 1987
	New Zealand Defence Force (on defence force land)	Defence Act 1990
<b>Urban fire</b>	Fire and Emergency New Zealand	Fire and Emergency New Zealand Act 2017

Hazard	Lead Agency (Regional)	Legislative Powers
<b>Man-made</b>		
<b>Infrastructure failure</b>	Wellington Region CDEM Group	CDEM Act 2002
<b>Food safety</b>	Ministry for Primary Industries	Food Act 2014
<b>Hazardous substance incidents</b>	Fire and Emergency New Zealand	Fire and Emergency New Zealand Act 2017 Hazardous Substances and New Organisms Act 1996
<b>Major transport accident</b>	At the regional level, the lead agency may depend on the type and nature of the transport accident.	Various
<b>Terrorism</b>	New Zealand Police	Crimes Act 1961 International Terrorism (Emergency Powers) Act 1987 Terrorism Suppression Act 2002
<b>Marine oil spill</b>	Wellington Regional Council	Maritime Transport Act 1994
<b>Radiation incident</b>	Fire and Emergency New Zealand	Radiation Protection Act 1965 Fire and Emergency New Zealand Act 2017

# Wairarapa EOC (Emergency Operations Centre)

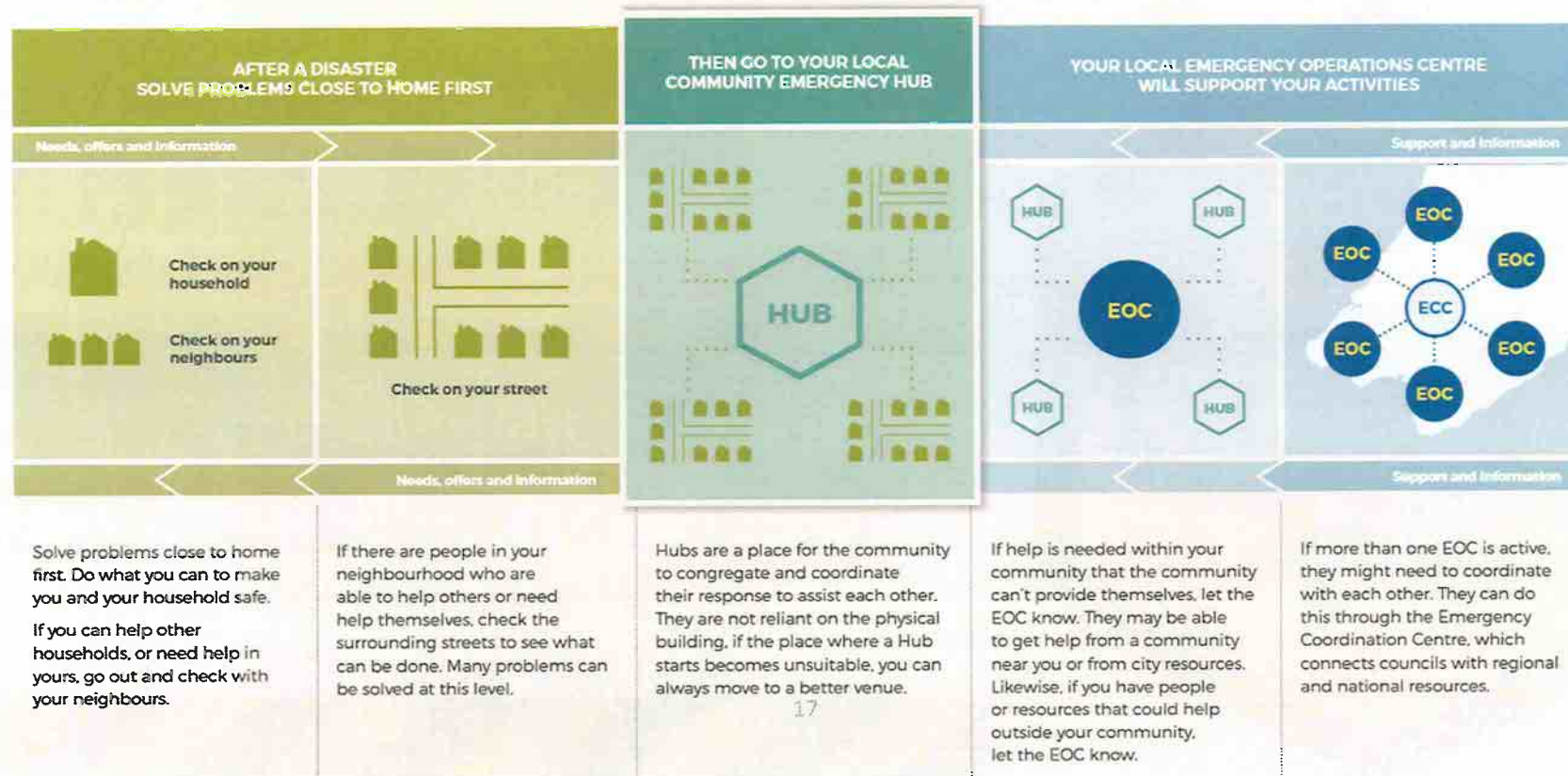
— 41 staff from 4 councils, 2 shifts





# Community Emergency Hub

During disasters, councils and emergency services aren't the only ones responding. Communities have many of the skills and resources needed to solve problems and help each other. Community Emergency Hubs are a way for people to work together to solve problems locally, while still coordinating with councils about really big problems.



- Carterton Events Centre
- Castlepoint, Wairarapa Sports Fishing Club
- Featherston, Anzac Hall
- Greytown Town Centre
- Martinborough, SWDC
- Masterton YMCA
- Lansdowne Church
- Douglas Park School, Masterton
- Fernridge School, Masterton
- Te Kura Kaupapa o Maori Wairarapa, Masterton
- Masterton Primary School
- Mauriceville School
- Riversdale Beach Golf Club
- Taueru Hall
- Tinui Hall
- Wainuioru Hall
- Whareama Hall



**A place for our community to gather and help each other during an emergency**

# Objectives of the Hub

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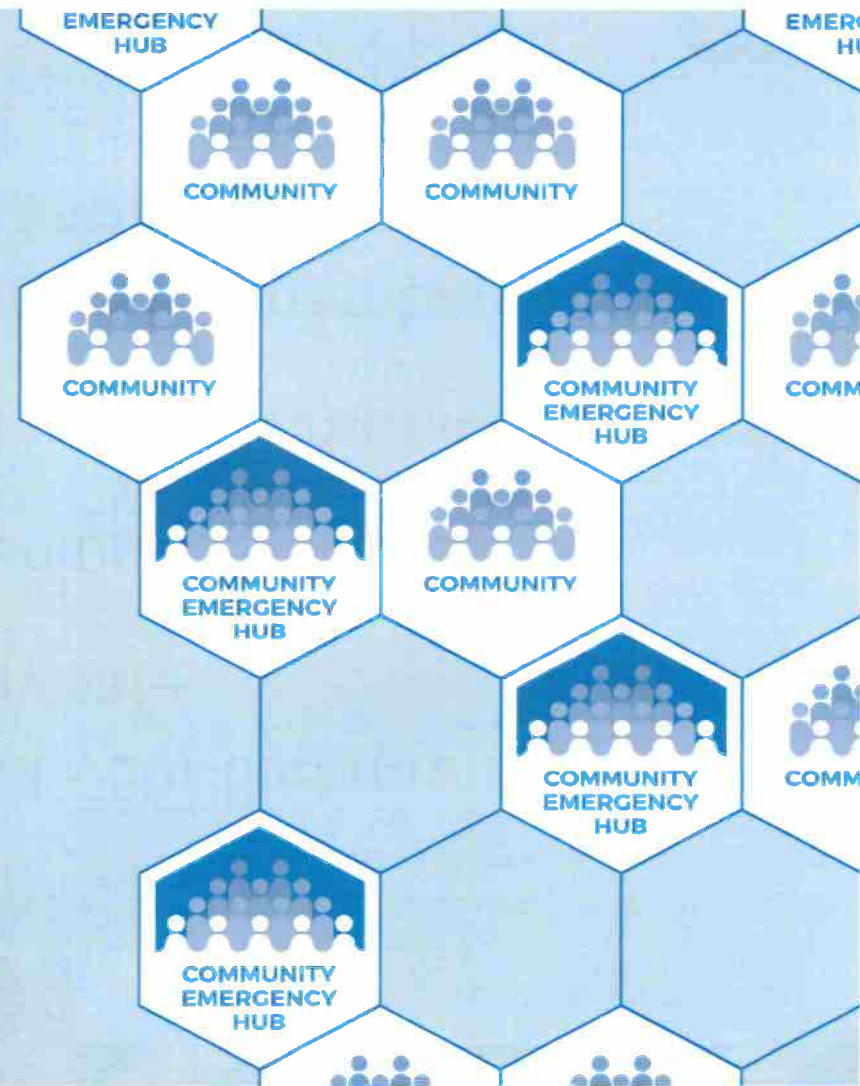
- Provide information so that your community knows how to help each other and stay safe
- Understand what is happening
- Solve problems with what your community has available
- Provide a safe gathering place for members of the community to support on another

# Martinborough Community Emergency Hub Guide

This Hub is a place for the community to coordinate your efforts to help each other during and after a disaster.


**Objectives of the Community Emergency Hub are to:**


- 1 Provide information so that your community knows how to help each other and stay safe.
- 2 Understand what is happening.
- 3 Solve problems using what your community has available.
- 4 Provide a safe gathering place for members of the community to support one another.





# Hub diagram


Generic layout of a Community Emergency Hub and outline of the key roles


- 


**HUB SUPERVISOR**  
I oversee that the Hub runs smoothly by helping everyone work together.
- 


**INFORMATION COORDINATION**  
I keep track of important information coming in and out of the Hub.
- 

**PUBLIC INFORMATION**  
I keep the Public Information board up-to-date and tidy.
- 

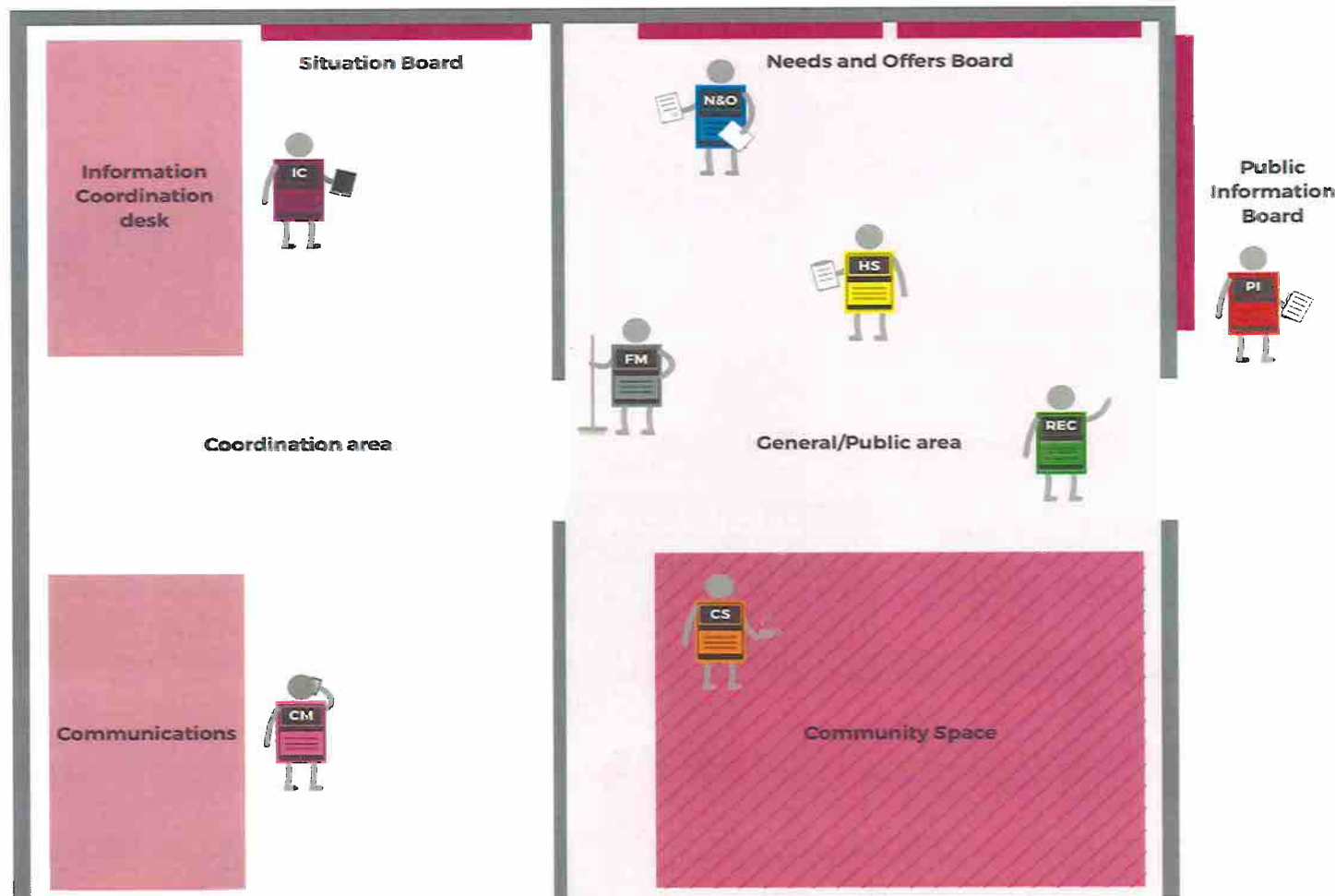
**RECEPTION**  
I meet and greet people coming to the Hub and direct them where to go.
- 

**NEEDS AND OFFERS**  
I match people's needs and offers of assistance by using notes on a board.
- 

**COMMUNITY SPACE**  
I create a welcoming comfortable space where people can connect and wait.
- 

**COMMUNICATIONS**  
I use whatever communications are available to stay in contact with the Emergency Operations Centre (EOC).
- 

**FACILITY MAINTENANCE**  
I ensure the Hub is safe, clean and has the resources it needs to run.



# Wremo.nz

WELLINGTON REGION EMERGENCY MANAGEMENT OFFICE

ABOUT OUR HAZARDS | PUBLICATIONS & REPORTS | ABOUT US | CONTACT US

**Wellington Region**  
Current Status: **GREEN**

**No emergency**

Fortunately, we're not responding to an emergency today.

So we are focusing on the tasks we do most often – readiness and reduction.

Now is the time for you to get ready, too.

[FIND OUT MORE >](#)

MAP: KAPITI COAST, PŌHŪA, UPPER HUTI, LOWER HUTI, WELLINGTON, SOUTH WAIRARAPA, CARTERTON, MASTERTON

[VIEW AS TEXT](#)

## Welcome to the Wellington Region Emergency Management Office (WREMO)

WREMO co-ordinates Civil Defence and Emergency Management services on behalf of the nine councils across the Wellington region - keeping you and your communities safe and prepared to respond and recover from emergencies.

[Learn more about WREMO >](#)

### Helpful Links:

- [Vacancies >](#)
- [News Releases >](#)
- [Strategies >](#)
- [WREMO Initiatives >](#)

### Get Prepared

The Wellington region is an awesome place to live, but it's a little wild. We often experience earthquakes, storms, flooding and landslides. We're also at risk from tsunamis.

### Tsunami Evacuation Zones

If you feel a long or strong earthquake then immediately get out of all zones. In other cases evacuate the zones you are advised to leave.

# Getprepared.nz

WELLINGTON REGION EMERGENCY MANAGEMENT OFFICE

Personal Preparedness | Organisations | Community | Keep up to date

See our most recent newsletter and sign up to receive future editions >

**Newsletter**

1 > =

**Prepare your Household**  
How well your family, neighbours and neighbours are prepared for an emergency.  
[Find out more >](#)

**Prepare your Organisation**  
How well your organisation is prepared for an emergency.  
[Find out more >](#)

**Helping your Community**  
How well your community is prepared for an emergency. You can be stronger together.  
[Find out more >](#)

By visiting this site, you're finding the time to stay safe

Knowing how to prepare for and respond to emergencies means you can recover more quickly.

### Your Community can get through together

By connecting with your neighbours and the people in your community, you can improve your resilience to disasters.

[Wellington City >](#) [Lower Hutt >](#) [Upper Hutt >](#)

[Porirua >](#) [Kapiti Coast >](#) [Wairarapa >](#)

### WREMO App >

Download the Red Cross New Zealand app when it's available.



### Fix, Fasten, Don't Forget >

See the FFD app for more information on how to prepare.



### Tsunami Maps >

See the tsunami evacuation zones in your area.



[Wellington Region Emergency Management Office](#)

[Wellington Region Emergency Management Office](#)

### Useful links

[New Zealand Red Cross](#)

## Spontaneous Community Response

- **community** helping one another.

## Community Emergency Hub

- **pre-identified** places for the **community** to coordinate their efforts to help each other during and after a disaster. (17 in Wairarapa, 127 over greater Region)

## Emergency Assistance Centre

**Council** organised official place people affected by the event can go for support and to receive **formal assistance**. (No signage beforehand, opened as needed)

## Emergency Operations Centre

**Councils** **coordinates** the response activities. (Waiata House, Masterton)

## Emergency Coordination Centre

The **Region** **coordinates** the response with the 6 EOCs. (Thorndon, Wellington)



## Wairarapa Staff

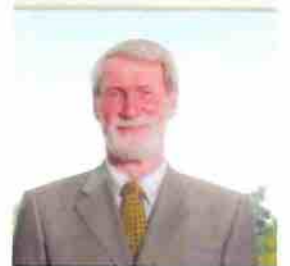
Jane Mills, Emergency Management Advisor,  
Community Resilience, WREMO



Darryl McCurdy, Emergency Management Advisor,  
Operational Readiness, WREMO



Jonathon Hooker, Wairarapa Local Welfare Manager (contracted 1  
day/week)



Bob Hill, Aratahi Ohu appointee to  
Coordinating Executive Group (available as required)





## Radio room – Peter and Ken



# Greytown Community Board Members



- Champion household and personal preparedness
- Know the key messages in this presentation
- In an Emergency Event, turn up and support the running of the Community Emergency Hub (key holder?)
- Be clear who the spokesperson in an emergency is (likely the Mayor)
- Who is WREMO's key link with the GCB?



# Any questions?

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Community Resilience and Recovery

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