


# Wairarapa Emergency Management


Martinborough Community Board  
27 February 2020







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## Wairarapa Earthquakes



- 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)





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## Today

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### Emergency Management in the region:

- Civil Defence Group Structure
- Hazards
- Prepared Households
- Official Response
- Community Response
- Community Emergency Hubs



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## 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.



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## Wairarapa EOC (Emergency Operations Centre)

— 41 staff from 4 councils, 2 shifts



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## Group Plan



WHAT ARE THE TOP FIVE HAZARDS WE WILL PLAN FOR?



Pandemic



Earthquakes



Flooding



Tsunami



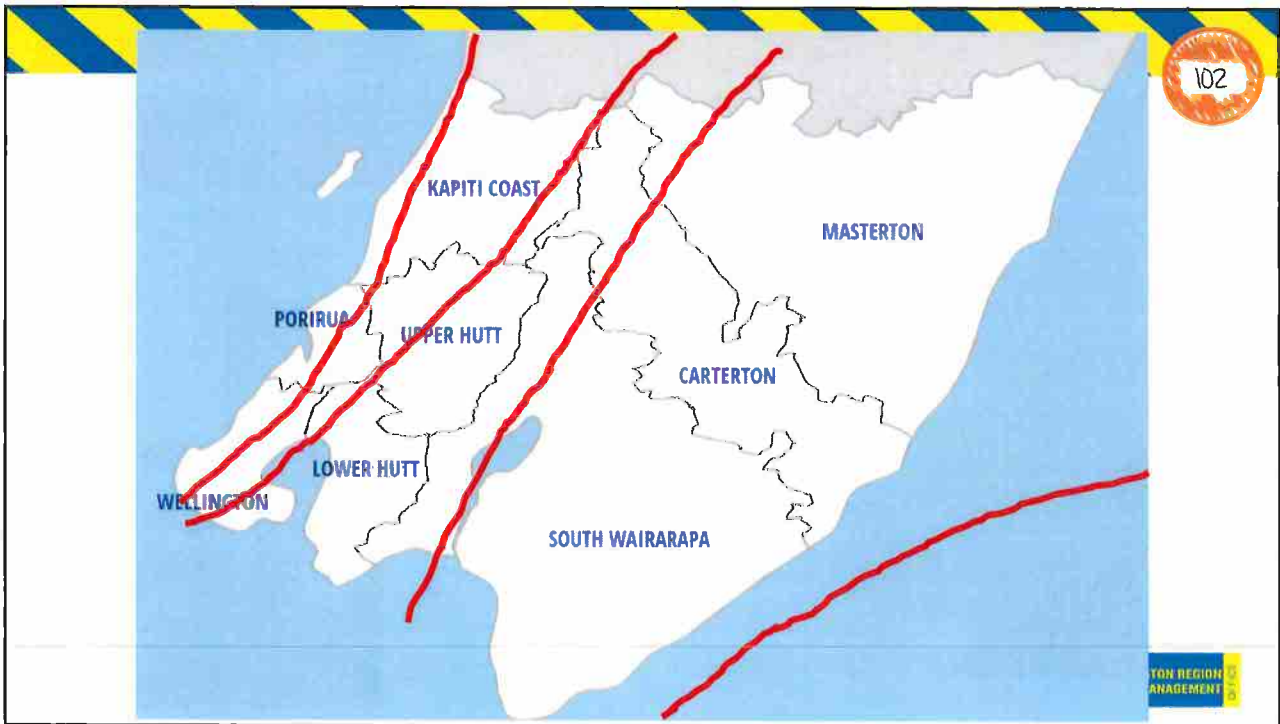
Storms

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



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## Regional Hazards

Earthquake

Storm

Pandemic

Transport accident

Fire

Tsunami

Hazardous substances incident

Flood

Landslide

Drought

Lifeline utility failure

Volcanic eruption

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## Impacts

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Shortage of critical consumer goods in supermarkets

Overloaded medical services

Can't get in touch with friends and family

Damaged houses and workplaces

Routine disrupted

Social activities cancelled

No fuel

Staff & residents stressed

Can't communicate

Lost access

People isolated

Pharmacies unable to resupply

No access to cash

People needing help

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



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## Household Preparedness

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**Your Earthquake Planning Guide**  
Pick this up and get prepared now

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



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**Live to tell the tale**

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*Standard message*



**DROP**



**COVER**



**HOLD**



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**Tsunami zones online:**  
<https://wremo.nz/hazards/tsunamis/>

**Long or Strong,  
GET GONE**



If you feel an earthquake that is either longer than a minute OR strong enough that it's hard to stand up THEN get to high ground, out of all zones, as soon as shaking stops!

**Tsunami Evacuation Zones  
081 - Lake Ferry**



■ Red Zone  
■ Orange Zone  
■ Yellow Zone  
 If you feel either a long OR strong earthquake get out of all zones. If you feel a long OR strong earthquake only the zones you are officially in will be.

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

Scale 1:24,000

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# 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






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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

37L	—	Toilets
28L	—	Toilet
38L	—	Other*
46L	—	Washing machine
65L <sup>†</sup>	—	Shower

\*Each on producing dishwasher, toilet, and bath.  
†Based on "Water Use in Auckland Households (2013/14) SRANC, October 2016"

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	



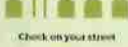
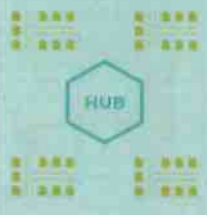
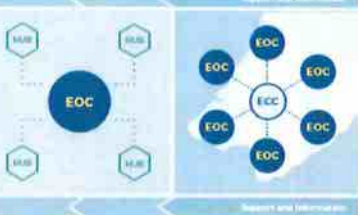
We recommend that you store enough water for your family for 7 days.

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## 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.

AFTER A DISASTER, SOLVE PROBLEMS CLOSE TO HOME FIRST	THEN GO TO YOUR LOCAL COMMUNITY EMERGENCY HUB	YOUR LOCAL EMERGENCY OPERATIONS CENTRE WILL SUPPORT YOUR ACTIVITIES
<p><b>Needs, offers and information</b></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">                       Check on your household                 </div> <div style="text-align: center;">                       Check on your neighbours                 </div> <div style="text-align: center;">                       Check on your street                 </div> </div> <p style="text-align: center; font-size: small;">Needs, offers and information</p>		<p><b>Support and information</b></p>  <p style="text-align: center; font-size: small;">Support and information</p>
<p>Solve problems close to home first. Do what you can to make you and your household safe. If you can help other households, or need help in yours, go out and check with your neighbours.</p>	<p>If there are people in your neighbourhood who are able to help others or need help themselves, check the surrounding streets to see what can be done. Many problems can be solved at this level.</p>	<p>Hubs are a place for the community to congregate and coordinate their response to assist each other. They are not reliant on the physical building; if the place where a Hub starts becomes unusable, you can always move to a better venue.</p>
	15	<p>If help is needed within your community that the community can't provide themselves, let the EOC know. They may be able to get help from a community near you or from city resources. Likewise, if you have people or resources that could help outside your community, let the EOC know.</p>
		<p>If more than one EOC is active, they might need to coordinate with each other. They can do this through the Emergency Coordination Centre, which connects councils with regional and national resources.</p>

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## South Wairarapa Hubs

- Featherston, Anzac Hall
- Greytown Town Centre
- Martinborough, SWDC  
(to move to Waehenga Centre?)



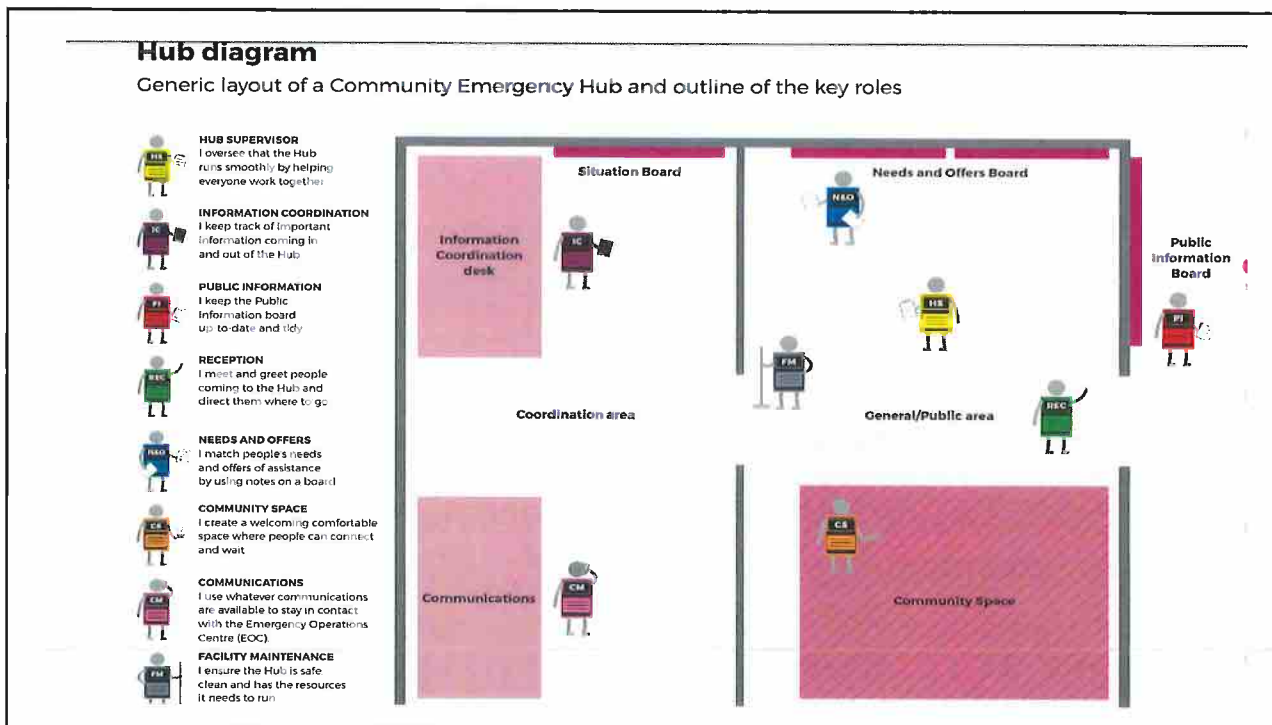
A place for our community to gather and help each other during an emergency



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## Wremo.nz

## Getprepared.nz

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<p><b>Spontaneous Community Response</b></p>	<p><b>Community Emergency Hub</b></p>	<p><b>Emergency Assistance Centre</b></p>	<p><b>Emergency Operations Centre</b></p>	<p><b>Emergency Coordination Centre</b></p>
<p>- <b>community</b> helping one another.</p>	<p>- <b>pre-identified</b> places for the <b>community</b> to coordinate their efforts to help each other during and after a disaster. (17 in Wairarapa, 127 over greater Region)</p>	<p><b>Council</b> organised official place people affected by the event can go for support and to receive <b>formal assistance</b>. (No signage beforehand, opened as needed)</p>	<p><b>Councils</b> coordinates the response activities. (Waiata House, Masterton)</p>	<p>The <b>Region</b> coordinates the response with the 6 EOCs. (Thorndon, Wellington)</p>
				

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## 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)**



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## Martinborough 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 MCB?

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## Any questions?

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Community Resilience and Recovery

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