

November 20, 2014

Land Use Planning for Tsunami Hazard: A Hawke's Bay Perspective



HAWKE'S BAY
EMERGENCY MANAGEMENT

GROUP

The Challenge

How do you get Planners and Decision Makers to deal with a hazard that is extremely rare yet potentially a catastrophic game changer?



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The Issue

Understanding the Hazard

Communicating the Risk

Identifying the Policy Response

Deal with the issues in such a way that the risks are acknowledged while providing options to address residual risk on a case by case basis.

Recognise that risk reduction is more than just hazard identification.



The HB Approach (so far...)

Clearly identify and articulate the hazard in a way that is understood.

Working with the policy developers (planners)

A comprehensive policy response (regional, local & lifelines)

Using the Joint Committee & CEG

The CDEM Group as an advocate for hazard risk reduction



Clearly Identify & Articulate the Hazard

In a way that can be understood by decision makers/public alike

Developing a regional tsunami model

Credible distant and local source scenarios

Communication Plan (councils & public)

Use the Joint Committee (JC) and CEG to endorse

Myth busting!

Working with the Policy Developers (Planners)

Hawke's Bay Planners Forum – getting agreement as to the approach

Working with the Regional Council Policy Planners to develop a change to the RPS – more directive/integrated

Working with TLA Planners as they review the District Plan

Submitting on drafts



A Comprehensive Policy Response (regional, local & lifelines)

Influencing regional growth studies

Cumulative impacts of different hazards

RPS and TLA Plans starting to compliment each other

Ensure network utility operators have input into the process



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Using the Joint Committee & CEG

Debating the issues openly – “peer pressure”

Making sure that decisions are made and organisations are held to them

Acknowledging the conflict between hazard risk reduction and economic growth

The CEG brings in non-local authority players

The CDEM Group as an Advocate for Long Term Hazard Risk Reduction

Making submissions on proposed district/city plans

A realistic approach – balancing socio-economic needs with risk reduction

For example:

- Showing tsunami inundation areas on planning maps
- Policies – requiring consideration of the risks in assessing land use changes and resource consents & cumulative impacts of hazards
- For land use changes in these areas require consideration of mitigation through design features & community response planning
- Identifying vulnerable activities –schools/hospitals/childcare facilities
- Requiring non-notified restricted consents for at vulnerable activities





Working Together for a Resilient Hawke's Bay

