

Are you submitting as an individual, or on behalf of an organisation?: Individual

First Name: Mitchell

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Trade Competition (please choose whichever applies): I/we could not gain an advantage in trade competition through this submission

If able to gain such an advantage:: My/our submission relates to environmental effects of this Variation only

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Variation being submitted on: Variation 2 – Coastal Natural Hazards Mapping

My submission: The local communities have been already forced to take issues into their own hands to stop inundation risk to their properties. This has seen many sea walls constructed, drains enhanced and some pumps put in place. All of this has been done due to necessity, but this process does need to be formalised. The Natural Hazard Policies basically say we can maintain existing properties in the significant areas, but there is still little guidance as to how protection measures should be designed or what thresholds does a property become uninhabitable.

I believe that nationally we need to set guidance to all property owners to incorporate climate change effects in all developments. The Environmental Defence Society has drafted some documents which give a good plan for this. I believe that this needs to be incorporated into the TTPP's policies to ensure that there is some national direction behind this, and then local solutions which communities have clear guidance of what they can do.

Clear guidance would include: where to put protective structures, where to adapt properties, where to abandon properties and how to be compensated etc.

Relating to the mapping of Variation 2. To note that I used to teach GIS, so I can understand the methods in creating the maps clearly. This data has not been well presented with clear errors on layers (alert) based purely on elevation data but not bringing real situations in. I also note that it is clear that the LiDAR for the Coastal Severe layer was taken prior to 2018 when after several cyclones removed the natural coastline and forced walls to be built. These walls are significant in some towns. Example in Hector, the whole beachfront

(excluding two properties) have had walls built. Some of these have been funded by government departments, but mostly by homeowners. Some are up to 5 metres elevation above the mean beach level. These provide significant protection to the entire town and infrastructure including the state highway. However, as they are not included in the map layer, it means that most of the beach front properties are within the severe level, when that is not true as long as these protection structures are maintained and that other items like drainage behind the walls is possible.

Understanding the specifics along the whole coastline is important when making these maps, as they might just be a line on a map, but they have massive affects to the places which they cover. This will impact insurance, rates etc. when we already have additional costs to protect our properties already.

I would like the following decision(s) to be made with respect to this Variation:

Please include existing protection structures in the planning.  
Include maintenance requirements to these structures.  
Incorporate Climate Change planning into policies.  
Communicate with locals along impacted communities - they already have the answers.  
Ensure maps align with up to date information.

Please indicate if you wish to speak to your submission:

I wish to speak to my submission

If any others making similar submissions wish to be heard:

Yes, I would consider presenting a joint case with them