



Natural Hazards

Tasman District is vulnerable to natural hazards

Natural hazards such as flooding, coastal hazards, earthquakes, liquefaction, landslides, droughts, and wildfires can impact both the environment and our wellbeing. We cannot control the forces of nature, but we can reduce their impact by building our capacity to withstand and recover.

Tasman District Council responds to natural hazards in a variety of ways. These include managing land and resource use, prevention or harm-reduction of the hazard, and emergency response to events.

Currently, Tasman District Council is working to improve our knowledge of local natural hazards. There is a significant programme of work happening around coastal hazards and sea level rise through our Coastal Management Project - Responding to Climate Change.

In addition to this, we are reviewing our geological natural hazards (slope instability, earthquake faults, liquefaction); and looking to better understand the risk of wild fire in

the district and what this means for planning. Council has an ongoing programme of flood and stormwater modelling.

Impact of climate change

We know from long-term temperature monitoring that Tasman is getting warmer. The effects of climate change increases the intensity and frequency of weather related natural hazard events such as flooding, drought, and erosion.

This will be made more acute because many of our homes, businesses, and infrastructure are in coastal areas and beside rivers, and Tasman's primary industries are significant to our local economy.

Through the development of the new Tasman Environment Plan, there is an opportunity to strengthen our commitment to managing the effects of climate change through both reducing emissions and adaption.



Be prepared

Anyone living in Tasman should be aware of natural hazards. As a council, we are improving our knowledge about local hazards and sharing that information with affected landowners and communities.

This work will enable people with a stake in our district to understand the extent of the hazards we face, while we support communities to prepare and build their own resilience.

The information we learn through the review will feed into our planning framework so we can better protect people and property.

The new Tasman Environment Plan will help to improve this response by taking into account our further identification of hazards and more planning around how we should adapt to and/or mitigate the risks we face.

There will be opportunities for landowners and communities to come together through community engagement events over the next couple of years to learn about our natural hazards and what the implications may be for them.



Get involved

We encourage anyone with an interest in learning more about natural hazards in Tasman to register for updates through the Tasman Environment Plan website (www.environmentplan.tasman.govt.nz).

On the website, you can also share some of the issues and opportunities that you think council should be aware of, so we can design rules and policies that help look after our district for generations to come.

We will keep you informed as we progress the Aorere ki uta, Aoere ki tai - Tasman Environment Plan and provide regular opportunities for your input and feedback on the matters that are important to you.

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