



Te Tai o Poutini

PLAN

A combined district plan for the West Coast

Media release

04 July 2024

Coastal hazard mapping updated

New LiDAR (light detection and ranging) data has been used to update coastal hazard mapping in the proposed Te Tai o Poutini Plan (TTPP).

LiDAR technology uses laser sensors mounted on aircraft to capture a 3D view of the land. The sensor measures how long it takes for light to travel to and from the sensor to the ground.

WCRC Regulatory and Policy Group Manager Jocelyne Allen says planners had used the most accurate data available when mapping the coastal hazards (coastal erosion and inundation) in the proposed TTPP.

"High accuracy LiDAR data was available for the Hokitika and Westport township areas as it had already been done for planning coastal and river protection works for those towns. The rest of the coast was mapped using lower accuracy space shuttle data.

"More recently, improved LIDAR data - such as that used in Hokitika and Westport - has become available for the remainder of the coastline apart from north of Hector and south of Jackson Bay. This means the modelling work has been updated and is more accurate.

The TTPP Committee was proposing Variation 2 to the Plan to update the mapping accordingly, she said.

"The coastal area from the northern bank of the Taramakau River to Cobden (including Greymouth), from Hector north to Kahurangi Point, and south of Jackson Bay are not included in this variation to the Plan as updated data and modelling for those areas is still being developed.

"The impact of the new mapping varies in different areas. It shows increased coastal hazard risk for some properties and reduced risk for others. The level of coastal hazard risk a property is subject to influences the activities which can be undertaken, so it's important people are aware of the proposed changes and can have their say."

The variation has been notified for public submissions which close 5pm Friday 16 August 2024.

Jocelyne Allen says the next hearing scheduled for the TTPP process is Residential Zones and Special Purpose Zones (excluding the Franz Josef areas) on 16 July at the WCRC chambers in Paroa.

Rural Zone, General Rural Zone, Rural Lifestyle Zone and Settlement Zone and its Precincts (excluding the Franz Josef area) hearings take place at NBS Theatre Westport 29 July and at WCRC on 1 August.

Ecosystems and Indigenous Biodiversity, Signs and Noise, South Westland Coastal Environment Natural Hazards Zoning and Franz Josef Special and Settlement Zones and Environment and Natural Hazards hearings are all scheduled between August and the end of October.

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