
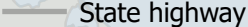
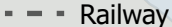

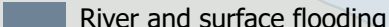
















Snapshot of climate change risks to Ōpōtiki District

-  Marae locations
-  State highway
-  Railway
-  Coastal flooding
-  River and surface flooding

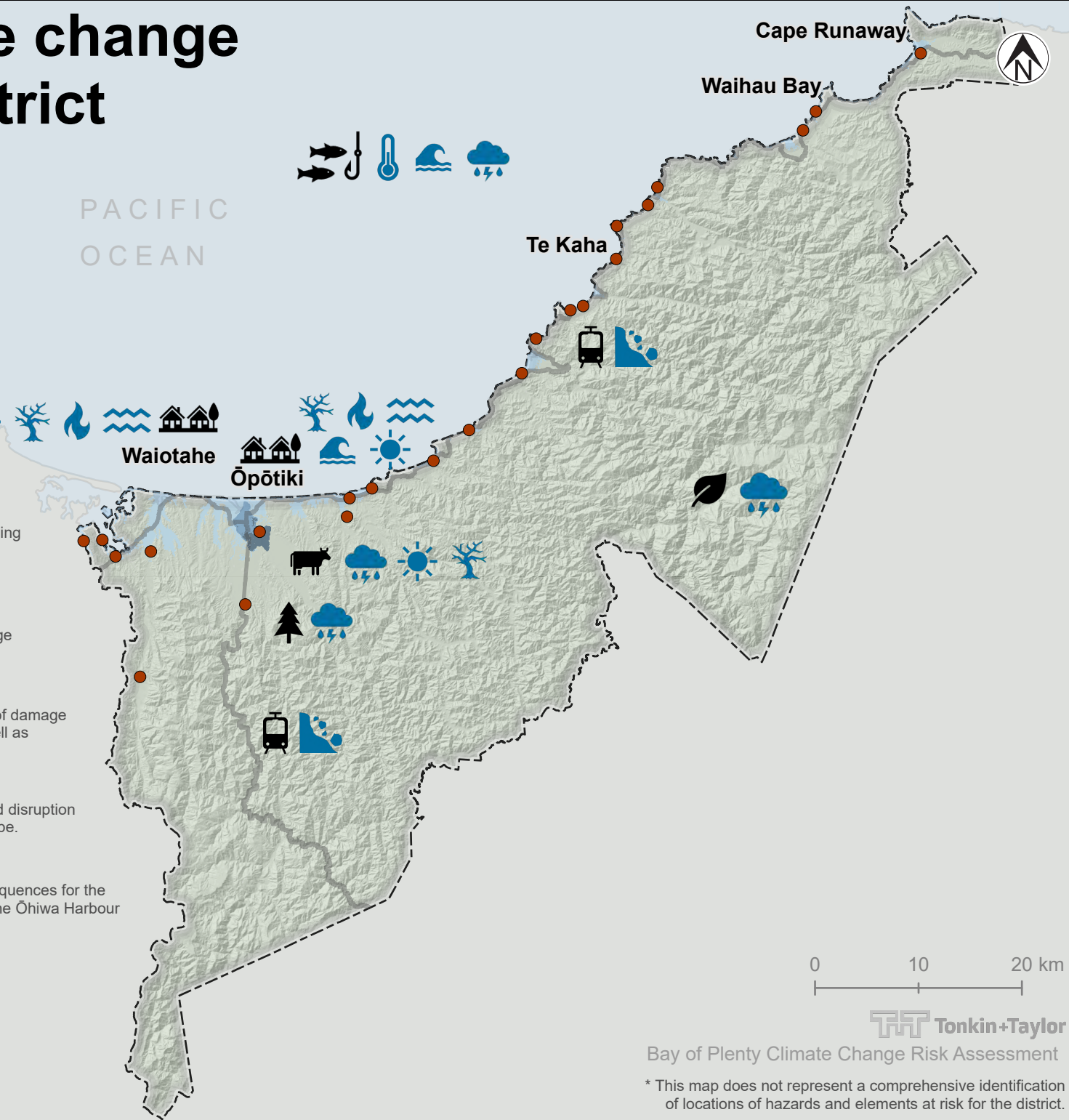
Elements at risk

-  **Communities and settlements**
Ōpōtiki and other coastal settlements within Ōpōtiki District may be exposed to increasing coastal hazards and rainfall related flooding.
-  **Native ecosystems**
Native forests within Raukumara Ranges may be damaged from increasing rainfall and erosion. This may increase sediment in rivers and cause sediment plumes to discharge, causing damage to coastal ecosystems.
-  **Agriculture**
Farms on the district's river flats may face increased flooding and damage from severe weather.
-  **Forestry**
Pockets of forestry in the foothills of the Raukumara Ranges are at risk of damage from increasing extreme weather, drought, landslides and fire risk, as well as disruption to logging connections due to flooding of transport routes.
-  **Transport**
State Highway 2 and State Highway 35 may face increased damage and disruption from landslides, which may restrict access to large areas of the East Cape.
-  **Marine ecosystems & Fisheries**
Warming, acidification and sediment deposition may have severe consequences for the oyster and mussel farms, marine ecosystems and species that inhabit the Ōhiwa Harbour and the open coast.

Hazards

-  Marine heatwaves
-  Increased temperature
-  Drought
-  Increased fire weather
-  Landslides
-  Coastal hazards
-  Inland flooding
-  Extreme weather

PACIFIC OCEAN



T+T Tonkin+Taylor
Bay of Plenty Climate Change Risk Assessment

* This map does not represent a comprehensive identification of locations of hazards and elements at risk for the district.

Figure 6.3: Snapshot of climate change risks to Ōpōtiki District