

Thames-Coromandel District SMPs

What is at Risk over the next 100 years?

Coastal hazards considered as part of the SMP Project for now and the future (100 years from the present day) include: coastal inundation (from high sea level events); tsunami; coastal erosion; cliff/slope instability; and flooding (due to catchment runoff from rainfall).

The completed 'first pass' assessment of coastal hazards for the Coromandel Peninsula focused on identifying areas where these hazards are likely to occur and present the highest potential risk to people, the environment, property and infrastructure. Hazards are considered within Coastal Compartments (A-K) that are defined by the coastal landforms and processes that dominate within the compartment. Within each Coastal Compartment, the hazard is assessed for proposed Management Areas. Around the Peninsula, 40 Management Areas were identified and the risks (High - Red, Medium - Yellow and Low - Green) associated with each hazard defined and combined to provide an overall assessment (see figure). This first pass risk assessment led to the definition of priority (red) areas for more detailed hazard assessment; the outputs from which are illustrated here today. This information will inform the second pass risk assessment.

