



## **What is a 'CHRMAP'**

CHRMAP is the acronym for a 'Coastal Hazard Risk Management and Adaptation Plan'. It is a study prepared to communicate information about future coastal planning. It includes a technical assessment to understand the existing and predicted coastal processes, includes a social assessment to understand the community values associated with the coastline being studied, and considers financial and environmental implications.

The State government's Coastal Hazard Risk Management and Adaptation Planning Guidelines (July 2019) provide guidance for decision makers to develop and implement effective CHRMAPs. You can view these guidelines [here](#).

## **Why is this project required?**

The coastline is constantly changing from storm events, sea level rise and the changes that people make to the coastline (buildings, hard coastal structures and dune/beach changes). As the coastline begins to change, it can impact the infrastructure (for example footpaths, roads, houses, beach access, services etc) in the 'coastal zone' and how the coast can be used.

This project will help us to understand 'coastal hazards' and 'risks' that may impact the coastal zone in the future and what the options are for managing those.

The coastal zone for this project includes the coastline and low-lying areas around the Leschenault Inlet and Estuary and associated rivers including the Preston/Collie River.

## **I thought a CHRMAP had already been prepared...why are we doing another one?**

Yes. In 2019 a CHRMAP was prepared for the Koombana Bay area that examined erosion risks and adaptation options, but this is the only location. The Koombana Bay CHRMAP will be considered in the context of the broader CHRMAP area in this study. The remainder of the project area has not had a CHRMAP prepared. The PNP is now working to complete the coastal assessment for all sections of the coastal zone, including risk assessment and adaptation options. The CHRMAP will give us a comprehensive and

integrated understanding of how our coastline will be impacted in the future and how we can plan for and manage these changes.

### **What does a CHRMAP include?**

The key components of a CHRMAP are:

- Understanding the local environment and community values
- Assessing how much things can cope with the impact of climate change
- Identifying the risks (likelihood of an event occurring and the consequences of that event occurring)
- Analysing the findings and evaluating the management options
- Identifying the adaptation options
- Identifying funding options, monitoring and review of frameworks

The CHRMAP will estimate where the coastline will be located in the short, medium and long-term future.

By understanding where the coastline will be in the future, it allows us to understand what infrastructure may be impacted by coastal processes and investigate which options for managing these impacts might be appropriate in particular areas.

### **What options are there for managing coastal risks?**

There are four main adaptation (adjustments that can be made) options for managing coastal risk.

- Avoid – not allowing new development in areas identified to be affected by coastal hazards.
- Planned or managed retreat – relocating or removing things which may be at intolerable risk of damage from coastal hazards.
- Accommodate – design measures and/or management strategies that make the risks from coastal hazards more acceptable.
- Protect – works that will preserve the foreshore reserve, public access, public safety and significant property and infrastructure.

Different options are appropriate for different locations taking into consideration the type of coastline, community values, environmental impacts and cost implications.

### **How will the CHRMAP impact my property?**

The CHRMAP will identify the areas that are at risk of being impacted by coastal hazards and when they are likely to occur. The CHRMAP will make recommendations on the appropriate adaptation options for different areas.

The impact on your individual property depends on where it is located as the hazards and risks vary throughout the coastline.

During Stage G of the project, you will be able to view the documentation and understand if and how your property may be impacted.

### **How long will the project take?**

The project will be undertaken in seven stages, as identified in the [‘Project Timeframes’](#) section.

It is anticipated that the project will be complete in July 2022. Any changes to the timeframes will be updated on this page.

### **CHRMAPs contain a lot of jargon which is hard to understand. How can I find out what these words mean?**

CHRMAPs do contain a lot of technical terms which can be difficult to understand. Some of the common terms we will use throughout this project can be viewed by viewing State Planning Policy 2.6 - Coastal Planning, [here](#).

### **How can I get involved in the project?**

There are a number of ways you can get involved.

- Fill in the community survey to confirm what you value about the coast.
- Attend the community workshop where we will share information about the project and provide you with an opportunity share your thoughts about future management options.

There will also be other opportunities to provide feedback on the project in the later stages of the project, so keep an eye out on the [website](#), or [register](#) to be kept up to date.

We will work with you to ensure your concerns and aspirations are reflected in the documents developed and will incorporate your advice and recommendations into the decision to the maximum extent possible. We will also provide feedback on how public input has influenced the decision.

### **Can I register my interest to be kept up to date?**

You can register your interest in being kept up to date with the project by responding to a very quick [survey](#) under ‘Engagement Activities’.