

*A pilot project is now underway to look at future coastal inundation and flood scenarios and Council is looking for **Project Champions** from the community to be involved.*

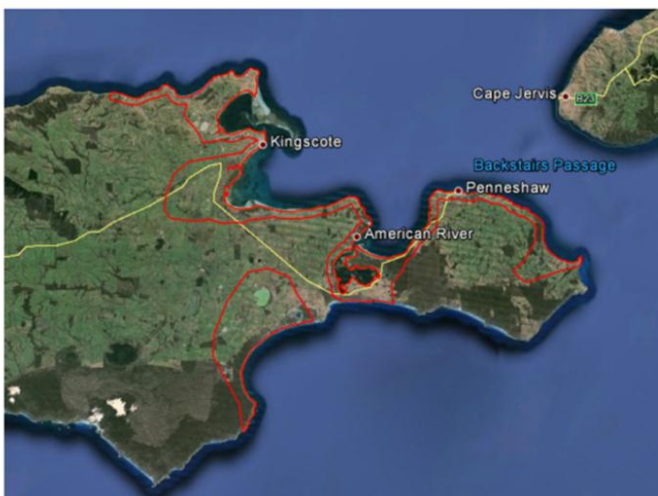
Background

Coastal communities are vulnerable to sea level rise, coastal inundation, flooding and dune recession in our changing climate. In responding to these risks, local councils must actively collect data that informs practical decision making, and provide the opportunity for capacity building amongst staff, community and other stakeholders in the mitigation and adaption responses.

The Project

Kangaroo Island Council obtained funding through the Natural Disaster Resilience Program to undertake a pilot coastal hazard mapping project for sections of the Kangaroo Island coast (subject to LiDAR data availability).

This study was identified from the Resilient Hills & Coasts Climate Change Adaption Plan as one of the regional priorities.



The Red outline represents the capture extent on Kangaroo Island.

The key outputs of the project are

- Detailed modelling using LiDAR data to demonstrate future inundation and flood scenarios.
- Analysis of the modelling to inform decision making.
- Development of a communication and engagement strategy aimed at working with the community to build capacity and resilience.
- Final report that assesses response options and makes recommendations to KI Council on adaption actions.
- Preparation and distribution of a case study to promote and inform similar exercises in other council areas.

What can be done?

There are a range of actions that could be taken to reduce the risk to natural and built coastal assets and infrastructure. This could include protecting what is in place at present or understanding when in the future, to move key assets and infrastructure to sites less exposed to erosion and inundation risk.

How can you get involved?

The Project Management Team is looking for five (5) **Project Champions**. Champions are members of the community who will work closely with the Project Management Group to share key messages about the project and provide feedback about general community perceptions at key points. Project Champions will collaborate with the Project Management Group in developing response options and recommendations to Council on adaption actions.

If you are or would like to nominate someone as a **Project Champion**, send through your nomination to Anna Osman, kicouncil@kicouncil.sa.gov.au by Friday 22 June @ 4.00pm

How can you get involved (cont)?

Along with Project Champions from the community, there will also be

- *an **online community survey** (June 2018) via KI and Fleurieu Your Say page to share your experiences, concerns and opportunities.*
- ***drop in sessions** to speak with the Project Coordinator.*
- ***community consultation workshop sessions** held during the project.*

These opportunities to be involved will be advertised through Council's website, Council Matters and Facebook.

Resilient Hills & Coasts

www.alexandrina.sa.gov.au/resilienthillscoasts

Resilient Hills and Coasts is a collaborative project formed to develop a regional climate change Adaptation Plan for the Adelaide Hills, Fleurieu Peninsula and Kangaroo Island region of South Australia.

We draw on expertise and input from across community, business, government, industry and academia to identify and understand the impacts, risks, vulnerabilities and opportunities associated with climate change. We also work together to propose and implement a raft of adaptation actions to strengthen and grow the resilience of our communities, economies and the natural environment in responding to the changing climate.

Project Management Group

Aaron Wilksch (Kangaroo Island Council)

Cr. Pip Masters (Elected Member)

Phillipa Holden (Natural Resources KI)

Shen Mann (Resilient Hills & Coasts)

Andrew Boardman (Kangaroo Island Council CEO – Grantee)

Project Consultants

Seed Consulting Services
Dr Mark Sebentritt / Andy Chambers

Water Technology
Dr Christine Lauchlan

Osman Solutions
Anna Osman (Project Coordinator)



L to R: Mayor Graham Philp, City of Victor Harbor, Richard Trethewey, Presiding Officer, KINRM Board, Hon. Ian Hunter, Minister for Climate Change, Mayor Peter Clements Kangaroo Island Council.
Photo courtesy Phillipa Holden, 5 June 2017