

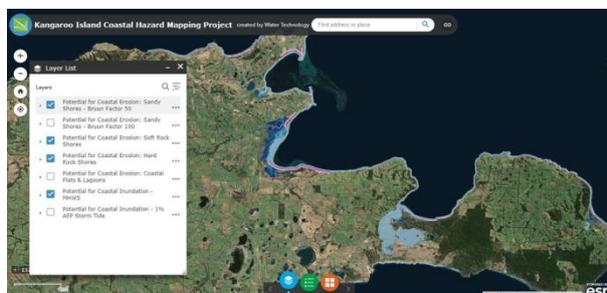
Online Mapping Tool

The Online Mapping Tool that has been developed as part of this project is now available on Council's website

<https://www.kangarooisland.sa.gov.au/coastalhazardmapping>

The Online Mapping Tool is a means to provide the community, stakeholders and politicians with information and power to make informed decisions by providing information on potential risks to start the conversation on how and when we respond.

The purpose of this tool is to see what areas may be subject to inundation, and to identify those areas where we need to better understand the extent of the effects of inundation.



Community Workshops

Community Workshops were held during August and September 2018. The first workshop, held in Kingscote, was to discuss what the modelling has identified for erosion and inundation along with an overview of response options and triggers concepts.



The second series of workshops, held in Kingscote, American River and Penneshaw, were held over two days focusing on township/settlement specific response options and the triggers for those actions.

The workshops were well attended with excellent input from the community supported by members of the Project Group including Council, Natural Resource Management KI and Resilient Hills & Coasts.

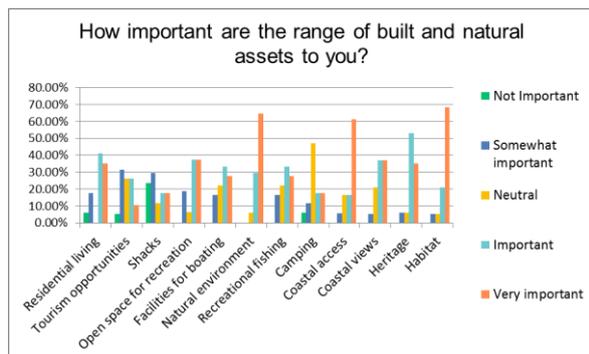
The outcomes from these workshops will be incorporated into the final Project Report that will be available for Community Consultation through December 2018.

Online Survey Results

The online survey has now closed with many members of the Kangaroo Island community participating.

The results from this survey will be incorporated into the final Project Report.

Natural environment, habitat and coastal access are some of the most prized assets to residents along with heritage and residential living.



When asked if residents have observed areas of erosion and inundation in recent times, some of the responses were:-

"YMCA Crn. The storm surges come right up to the road and this section of road needs to be built up. In just 4 years the camber of the road is sinking towards the swamp. This is the vital road link to the ferry, there is no detour to take when this floods. This must be addressed as a matter of great importance."

Emu bay sandhills

"American River - flooding has occurred with king tides and low pressure systems, with the tennis courts being flooded, and only the camber of the road preventing inundation of the low-lying parts of the township (including the 'Town Centre')."

Nepean Bay during king tide events

When asked about potential response options, some of the responses were:-

"... we're working on revegetation of samphire and coastal saltbush along the shoreline of Pelican Lagoon with considerable success, but to defend and accommodate. But we do anticipate changes and the need for slow adaptation to inundation of some areas at high tide."

"The coastal zone around KI is already undergoing profound change. Defending or accommodation the change is simply "putting lipstick on a pig"

"Defending an area using technology goes against nature. If people live in an 'endangered' coastal zone, they should firstly consider modifying building designs and planting species to help protect the area"

Next Steps



Launch of the online tool and technical report



Draft the strategy and provide an opportunity for comment



Finalise project and seek future funding and grants