

## Effectiveness of current coastal management strategies at XXX Beach

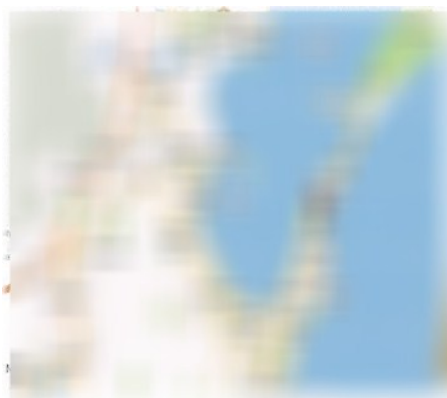
XXX Beach is located in XXX New South Wales. The natural impacts at XXX Beach include erosion, transportation and deposition. Erosion is the removal of rock and sand particles as a result of wind and wave action. This is shown at XXX Beach when you stand at the XXX lookout and see the rock platform.

Natural landforms at XXX beach are:

- Sand dunes.
- Rock Island.
- Headland.
- Bay.

Transportation is like longshore drift. The waves were destructive, there was a big swell, strong winds and the backwash was stronger than the swash (see image 2 on last page). Deposition is the depositing of sand and rock particles caused by wind and wave action forming features such as beaches. It is evident that at XXX Beach there was a tombolo. Human impacts at XXX Beach include:

- Grass areas: To walk on and for kids to play on.
- Signs: To assist with maintaining awareness.
- Roads: People drive on to get to their destination.
- Car parks: To park your cars.
- Surf club: To make money and buy things from.
- Bins: To place rubbish in and for people to not litter.
- Toilet blocks: For people to go to the toilet.
- Drains: If there is a flood, water will go down the drains.
- Tables: To put your food on.
- Fences: To keep/block off people from walking into or on certain places.
- Board and chain walks: To walk on and not disturb the dunes.



## Coastal management-

<u>Strategies:</u>	<u>Effectiveness:</u>
<b><u>Bins:</u></b> These are bins scattered around XXX beach especially in the picnic area due to that fact that people have picnics there and eat and have rubbish and also a few on the beach.	<b><u>Bins:</u></b> Bins weren't as effective because most were full and had rubbish falling out but a few didn't have much rubbish placed in them.
<b><u>Signs:</u></b> There are signs near the car park and on the beach with rules on them. (see image 1)	<b><u>Signs:</u></b> Less effective because they were too high up and had small writing. People just ignored the signs.
<b><u>Board and chain walk:</u></b> For people to walk on so dunes and vegetation are not disturbed or ruined.	<b><u>Board and chain walk:</u></b> They are effective and keep people off the dunes so they only walk on the chain walks.
<b><u>Vegetation:</u></b> Vegetation planted.	<b><u>Vegetation:</u></b> This is effective to help keep the dunes vegetated and help hold the dunes together.
<b><u>Community cleanup:</u></b> To clean up and keep the beach clean. ( see image 4)	<b><u>Community cleanup:</u></b> Effective because it gets the community together to clean up the beach.
<b><u>Pathways:</u></b> So people can walk on.	<b><u>Pathways:</u></b> Effective because people use the walkways provided.
<b><u>Fences:</u></b> A lot around the dunes and plants to keep people off of them.	<b><u>Fences:</u></b> Effective because they keep people off the dunes but at times people jump over them.
<b><u>Car park:</u></b> So people can park in.	<b><u>Car park:</u></b> Effective because it provides a place for people to park their vehicles and so that they don't park their cars on any vegetation.

Some recommended improvement strategies I think should take place at XXX Beach are that the council should make signs larger and much more visible for people to see, more bins and trash cans in order for the bins to not over fill, strict rules about dogs on the beach, they should enforce fines for not obeying signs and regulations, they should also make dumping of rubbish an offence because it can affect the environment, they should also fix some fences because people walked straight through the vegetation, they should also ban smoking on the sand at the beach to prevent people from disposing their buds on the sand, also they should make lifeguards sit at the beach even if it is wet weather in order for XXX Beach to be a safer place.

## Images:



This image shows the sign are less effective due to the small writing and because they are too high for people to take notice.



This image shows the destructive waves and big swell.



This image shows that the signs are hard to read and people are walking their dogs where there not meant to be.



This image shows bark being dumped on the side of the road.

**Bibliography:**

- Excursion field work booklet.
- Images from my phone on the day of excursion.
- Coastal management booklet.