

Coastal Management at XXX Beach

XXX Beach is located in the XXX Coast of New South Wales, close to XXX. XXX Beach is considered one of the XXX Coast's most popular beaches to surf.

Spatial pattern described briefly

Natural impacts on the coast can be caused by natural forces combining together. These natural impacts affect the shape of the beach and the natural landforms. At XXX Beach, there are many landforms that are evident such as Headlands, Rock Platforms and Sand Dunes. An obvious and major impact evident is erosion. Erosion is the process which rock materials are removed from the surface. There is erosion evident at XXX Beach on the Rock platforms where the rocks are falling. This is a sign that erosion has occurred within the area.

Clear description of natural processes and link to changing morphology

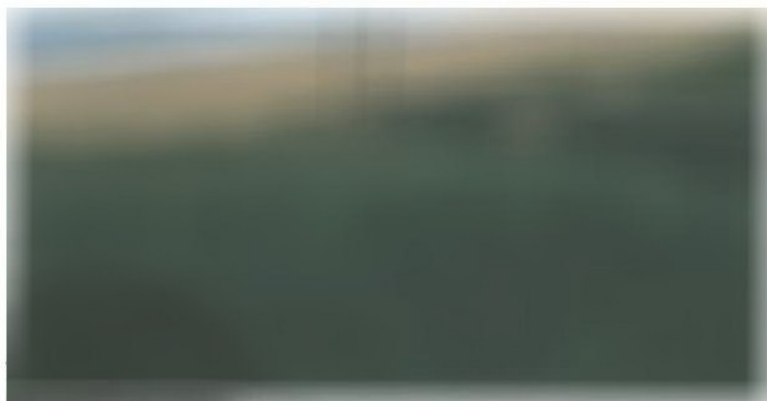
Human impacts on the coast are much more effective in affecting the natural environment around it. A human impact can be things as large as urban development, or as small as litter. XXX Beach's human aspects have all been placed on the fore dunes. These aspects include tables, bins, pathways, buffalo, drains, lightposts, roads, boardwalks, lookout, lifeguard tower and the Surf Lifesaving Club.

Lists human impacts

When arriving at XXX beach, the most noticeable management strategy was the dune fencing. Dune fencing is when the council decides to build a fence around what is left of the fore dune. This is done so that the fore dune is able to be revegetated. The fences are there merely to protect the fore dune from being stepped on by locals. Bins and signs on the beach are also management strategies.

Dune fencing is an effective strategy to achieve the desired results. At XXX beach the vegetation behind the dune fencing was very much alive and abundant as you can see in the photo below. As the dune gets further from the water the vegetation becomes more plentiful. This is due to the salinity levels in the sand.

Basic description of the purpose of management strategies



*Vegetation behind dune fences at .
Beach.*

Signs are not an effective strategy. In the picture below the sign clearly states 'NO DOGS' meaning no dogs allowed on the beach. Whilst there, I had witnessed a dog running back and forth on the sand, with his owner. The owner did not face consequences for his actions as there was no patrol of the beach at the time.



Basic discussion of the effectiveness of current management strategies including evidence from fieldwork

Bins can be an effective strategy when rules are applied and enforced. XXX beach was a relatively clean beach, although there were cigarette butts all over the floor in the picnic area. Sometimes the bins can overflow and rubbish can be picked up by the wind and taken out to the beach.

Very specific recommendations

To enhance the signs strategy, there would need to be more people who are in charge, on the beaches and in the lifeguard towers enforcing the beach rules. Also to do this you would need a communication system. Walkie-talkies are a fast and easy way of getting messages through to everyone on patrol.

To improve the bins strategy, stricter rules need to be applied on littering. Also there could be a daily pick up of rubbish if this is not already in place. As for smokers and their cigarette butts we could put bins out that have an ashtray attached to the bin. This will encourage smokers to put their cigarette butts in the bin. A bin should be placed every ten metres on the picnic area. This will keep XXX Beach cleaner.

Limited evidence of conclusions drawn based on data gathered

In conclusion, XXX Beach is a beach that is taken care of very well already and if XXX Shire Council considers strategies I have proposed the beach could be a better attraction for tourists.

Grade Commentary

Jordan demonstrates basic knowledge and understanding of coastal management strategies and their impact on natural processes. There is limited evidence of primary data collection and use. This report could be improved by greater use of geographical tools such as maps and diagrams. Jordan proposes one individual action. This work sample demonstrates characteristics of work typically produced by a student performing at D grade standard.