

EXPLORING EARTH

Rising Sea

What happens to land as the sea level rises?





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Try this!



Place the plastic cover over the basin. Use a marker to trace around the outside edge of the island landform.



Add water to the basin until it comes up to the first mark. Now, trace around the edge of the landform where it emerges from the water. Is your line in the same place?



Keep adding small amounts of water and tracing the coastline until you have created a *topographic map*. Why do you think it's important to track changes in the coastline?