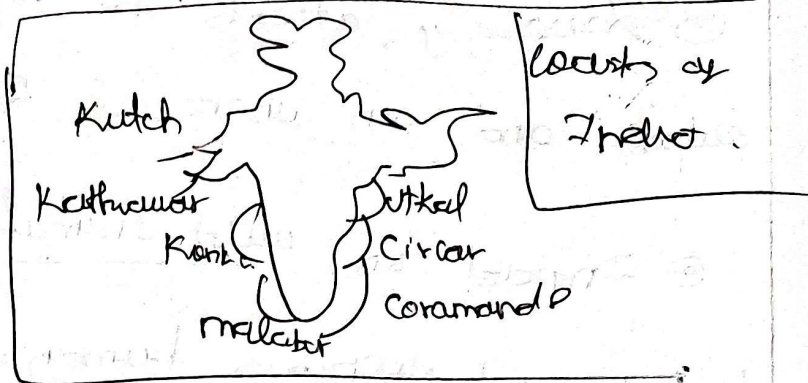


Recently India's coastline has been updated. Discuss the causes & implications of this change.

India's coastline has been updated after many decades. There has been an increase in the coastline.

Updated coastline.

① Home ministry updated that India's coastline increased from 7500 km to 11,000 km.



Causes of the change

① Change of modern techniques such as geographical information system (GIS) and satellite imagery and shore mapping.

② Negated the coastal paradox and overall way in coast mapping.

③ The bays, estuaries and tidal flats were taken into consideration.

② Higher resolution from 1:4,500,000 to 1:250,000 that has added update in coastal line.

Implications of update.

① States such as Gujarat and Tamil Nadu have seen a boom.

i) Economic activities such as fishing and unmanned exploration can be expedited

② scientific studies about the continent shelf can be done.

③ Biodiversity conservation such as preserving fish flats, mangroves and conserving sea turtles and dugongs can be done.

④ Disaster preparedness especially in Andaman and Lakshadweep can be made.

③ can increase the ~~coastal~~ coastal hardening of the coast.

The Bay of Bengal is hardened by 55% due to concrete structures.

④ Coastal erosion can increase due to surge in economic activities.   
 ⑤ more stress on states to man the extended coasts.

Measures

① Update the Coastal Regulation Zone rules in tandem with ~~the~~ change in coastline.

② Extend technical support.

extended coastline with a good basis it has to be used sustainably to achieve Sustainable development goal

(11:23)