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The Use of Shoreline Mapping in Coastal Zone Management

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Abstract:
The coastal zone is a region where land, ocean and atmosphere interact and hence it is dynamic in nature. Shoreline detection methods are gaining more importance regarding its use in the management of coastal zones. The most significant aspect of managing coastal areas is determining the location and alteration over time of shoreline. This needs frequent monitoring and mapping of the shoreline using modern tools. In this issue, Nagi (2021) demonstrate the shoreline length of Yemen using GIS tools. Knowing the characteristics of coastal zone may warn us about impeding dangers and probable changes in the coastal zone can be predicted and appropriate actions can be undertaken.