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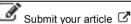
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*Correspondence

Asfa Ashraf, PSM Editorial Office, Pakistan Science Mission (PSM), Narowal (Noor Kot 51770), Pakistan. **Email:**

sundausnaeem@yahoo.com

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The Use of Shoreline Mapping in Coastal Zone Management

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Asfa Ashraf^{1,2*}, Muhammad Naeem Iqbal^{2,3}, Fakhar-un-Nisa Yunus⁴

¹The School of Life Sciences, Fujian Normal University, Fuzhou 350117, China.
²Pakistan Science Mission (PSM), Narowal (Noor Kot 51770), Pakistan.
³The School of Life Sciences, Fujian Agriculture and Forestry University, Fuzhou 350002, China.

⁴Department of Zoology, Lahore College for Women University, Lahore 54000, Pakistan.

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.



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