

Environmental Geochemistry of Surficial sediments From the South-west of the Caspian-Sea

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Abstract

The Caspian Sea is a Unique, evidently enclosed water body Shared between Iran and some neighboring Countries experiencing serious environmental problems.

The Caspian Sea receives river discharges which mostly Contain industrial and mining wastes. The Sediments provide a valuable record of environmental retrospective Changes. The heavy metal pollution of the environment of the Caspian Sea around Anzali area is gradually increasing due to urbanisation and industrial activities in the region. Therefore it is found to be interesting to investigate the pollution level of the Caspian sea around Anzali area using sediment Samples. In this Study surficial sediment samples, were analyzed quantitatively by neutron activation analysis (NAA) and activation autoradiography techniques.

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