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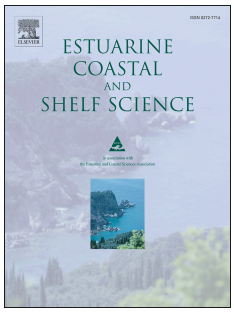

Implications of modelled radioactivity measurements along coastal odisha, eastern India for heavy mineral resources

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Environmental Survey Meter

High Purity Germanium Detector (HPGe)

Sand samples are collected from the beach areas of the east coast of India. The area is highly enriched in heavy mineral deposits. The radioactive concentration of this beach placers are measured. The concentration of 238U, 232Th and 40K gives us an idea about the coastal processes of the beach area.