

技术应用

浙东象山港岸线及潮滩变迁遥感调查

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摘要:

利用多期遥感数据, 对浙江省东部象山港一带近30 a来的海岸线及潮滩变迁状况进行了调查与监测。结果表明, 该区淤泥质海滩发育, 海岸类型以淤泥质为主, 岸线在1986~1996年间有较大变化, 外迁宽度最大达 1 700 m, 1996年以后基本进入稳定状态。潮滩发育具有差异性。

关键词: 象山港 岸线及潮滩变迁 遥感动态调查

THE REMOTE SENSING DYNAMIC MONITORING OF THE SHORELINE AND THE TIDAL BANK IN XIANGSHAN HARBOR

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Abstract:

Xiangshan Harbor is very complex in dynamic conditions. Based on large quantities of remote sensing data and topographic data, the authors studied the evolution of the shoreline and the tidal bank in Xiangshan Harbor since 1976. The results show that the evolution of the shoreline and the tidal bank from 1975 to 2003 was quite obvious, and the tidal bank in Xiangshan Harbor experienced varied kinds of evolutionary processes. Up till now, the shoreline has moved outward for 1700m.

Keywords: Xiangshan Harbor Shoreline and tidal bank change Remote sensing dynamic monitoring

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