MANGROVE CHANGE ANALYSIS USING REMOTE SENSING AND GIS TECHNOLOGY (CASE STUDY: CAN GIO DISTRICT, HO CHI MINH CITY, VIET NAM)

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ABSTRACT:

For management of natural resources and the environment, the change monitoring is an one of most important works. The effective tool for that purpose is establishment the thematic maps using satellite imagery. Among the natural resources, the forest usually covers a large area and is distributed in the region, where the transportation is difficult and the view is distubed by heihgt of trees. Using the satellite imagery allows us to overcome those difficulties. Concerned with this, the application of Remote Sensing and GIS for monitoring and assessment of mangrove change in Can Gio distric, Ho Chi Minh city, is carried on. By multitemporal imageries SPOT of years 1996-2004-2007, the land cover maps are established and the change of mangrove had been given also.

TOPIC: Change detection and process modelling
ALTERNATIVE TOPIC: Remote sensing applications

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