

## **Preparation of Spatial Information to Support Integrated Coastal Zone Management in Indonesia**

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By the end of 80th decade coastal management in Indonesia have become important issues. Settled by 60 percent of Indonesian population, the existing coastal area providing employment to about 20 million people. Considering its various coastal conditions, and economic activities, it is necessary to have a better integrated coastal zone management, including its spatial information required. Following sporadic coastal resources inventory, in order to support better coastal management, through Marine Resource Evaluation and Planning (MREP) Project, systematic coastal resource inventory was started in 10 provinces. And following MREP Project, six years project called Marine and Coastal Resource Management (MCRM) Project, covering 15 provinces, was started in 2001. In this Project, coastal management planning process and its geographically referenced information needed for its implementation has been formulated. Geographically referenced information for coastal zone management prepared by using Remote Sensing and Geographic Information System technology. Applications of Remote Sensing technology including for geomorphology and land cover mapping. Furthermore, for supporting coastal zone management, by using Geographic Information System technology those maps being integrated with ancillary spatial data. This paper presents the result of this activities included the overall approach in preparing spatial Information for coastal zone management.