

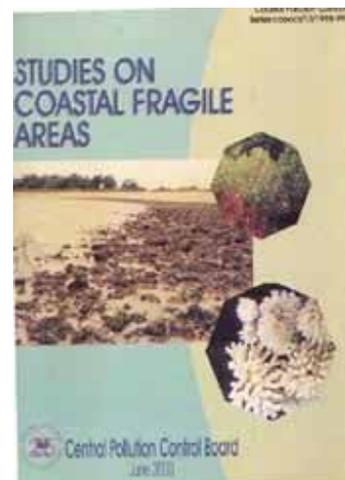
## List of Publications



### Case Study on Coastal Fragile Areas Foreword

The Central Pollution Control Board conducted a survey of the Indian coast during 1982-87. The information collected was compiled and brought out in a series of reports entitled "Use Classification of Indian Coasts and Conflicts: Part I- V ." Based on the survey, 32 areas on the coastal belt were identified as fragile areas. The present report is in continuation of the earlier survey. The details in respect of the identified fragile areas are provided in this report.

The total area occupied by Indian mangroves is estimated to be 6819.1, of which about 60% occurs in Sunderbans. In Andaman and Nicobar Islands, the forests are gregarious type, dominated by single species. The waters in these areas are still pristine. A recent estimate of coral reef flat area of the country by remote sensing technology shows the extent of reef flat in Gujarat coast as 148.4 sq km, that of Tamil Nadu coast as 64.9 sq km,



Lakshadweep 140.1 sq km and that of Andaman and Nicobar islands as 813.2 sq km. Siltation, coral mining and dynamiting for fishing are the main reasons for destruction of corals. Today, among the Indian coral reefs, only some sites in Andaman and Nicobar still remain undisturbed without human interference. Information on Cochin backwaters, Pulicat lake, Chilka lake and tourists and pilgrim centres along the coast and nesting ground of olive ridley turtle, the Gahirmatha coast is also documented in this report. To create awareness about the importance of the oceans, the marine environment and its resources for life on Earth, the United Nations Environment Programme (UNEP) decided that the focal theme for the World Environment Day (1998) is entitled "For life on Earth-Save our Seas." Through this report, we wish to focus on our national concern for conservation of coastal ecosystems.

I would like to place on record our sincere appreciation for the ground work done by the Institute for Ocean Management, Anna University, Chennai in preparation of this report. The inputs and co-operation received from different research organisations, government departments and academic institutions are gratefully acknowledged. We hope, this report will be useful to all those involved in the coastal zone management of the country.

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