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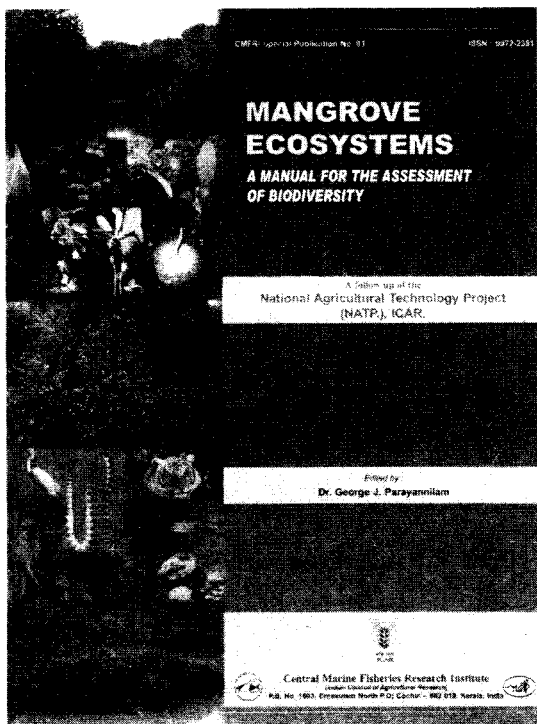
(INDIAN COUNCIL OF AGRICULTURAL RESEARCH)

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## **Publication Review**

CMFRI special publication No. 83 Mangrove Ecosystems. A manual for the assessment of biodiversity. Edited by: Dr. George J. Parayannilam, ISSN: 0972 – 2351; © 2005. Pages: 222; Cover: Hard bound; Price: Rs. 600: US \$: 60

This publication edited by Dr. George J. Parayannilam is a worthwhile manual brought out as part of the World bank funded National Agricultural Technology Project (NATP), “Mangrove Ecosystems Biodiversity and its influences on the natural recruitment of selected commercially



important finfish and shellfish species in fisheries". The Indian mangroves are a priority area for research and management as this highly productive but sensitive and fragile ecosystem face incessant anthropogenic stress and often degradation and denudation in the course of coastal backwater area reclamation/ development. This manual prepared by the subject specialists in the respective areas cover biological parameters like mangrove vegetation, plankton, micro algae, ichthyofauna, benthos, sea anemones, crabs, molluscs, reptiles, mammals and birds, wherever required, with the aid of outline drawing and key for identification of mangrove associated fauna. The contents also include physico – chemical parameters of water, sediment and assessment of primary

productivity and BOD of tropical aquatic systems along with socio-economics, conservation of mangroves and methodology for assessing fish stocks in mangroves. Throughout the publication colour photographs of flora and fauna and black and white illustration are given depending on the requirement of the situation. The contents of this manual and approaches followed by the various authors will be of great use not only to students and researchers in the field but also form a source guide to coastal resource conservationists, coastal zone management planners and beach/ ecotourists. The authors of this manual and project participants tried best to inventorize the rich mangrove biodiversity during their investigation on the state-of-art of selected mangroves both along the west and east coasts of India.

I recommend this manual to all Maritime and Agricultural College/ University libraries especially where coastal zone management and wet land ecosystems are included in the curriculum.

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