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## Methodology of Integrated Coastal Zone Management Plan Preparation – Case Study of Andaman Islands, India

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### ABSTRACT

Generally, approaches of coastal issues are sectoral basis and solutions have been formed in adhoc fashions which are not long lasting. Integrated Coastal Zone Management (ICZM) is conceived as a holistic management tool working across sectoral, disciplinary, and institutional boundaries. ICZM planning is a continuous process to achieve the goals and objectives by using alternative decisions. ICZM plan is providing boundary conditions for limitation, negotiation and implementation. Planning for coastal management is essentially requires integration of resources, uses, issues, and tools for achieving the management objectives. The ultimate goal of ICZM is to improve the quality of life of human communities. Coastal area management needs integrated, interdisciplinary and multi-sectoral approaches for sustainable utilization of resources, which is the fundamental objective of the resource planners and managers. Methodology for ICZM planning is differing in relation to the regional culture, society, economics, politics, nature, technology, scientific, human behavior, etc. Planning for coastal management is very easy by following the methodology or framework developed for the planning process. A case study of ICZM Plan for Andaman has been prepared by using the participatory methodology, which is the source of consensus for all stakeholders of the Andaman Islands. The tasks of ICZM Plan preparation for Andaman Islands includes, knowledgebase development, selection of ICZM plan preparation methodologies, conflict identification, risk analysis, cost benefit analysis, strategic and action plans, recommendations and institutional changes. This ICZM methodology could be used for comparing and understanding the boundary conditions of union or federal developing nations towards comparative planning.

### KEYWORDS

ICZM, Methodology, Database, Planning, Strategy, Andaman

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