

Marine environment system in Korea

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This study presented the current situation of marine environment systems and policies in the Republic of Korea. It mainly focused on the conservation of marine environment and prevention of marine pollution. In addition to this, this study introduced an ecosystem-based marine environment and fisheries assessment approach as a tool for ecosystem management. A comprehensive ecosystem-based approach is required to holistically assess and manage marine environment, fisheries and their associated habitats by considering ecological interactions between marine environment and fisheries. A pragmatic ecosystem-based approach was developed for the assessment of fishery resources and marine environment involving four management objectives: sustainability, biodiversity, habitat quality, and socio-economy.