

Conservation and assessment of marine biodiversity using EBSA criteria

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The S-9-5 project has collected over 2,213,148 records from database (BISMaL, OBIS, etc.), cruise reports, literatures and specimen records on species occurrence data obtained in all over the Asia-Pacific coastal sea. Based on the assessments of biodiversity states in target areas, this project would improve a assessment protocol using the criteria of ecologically and biologically significant area (EBSA) to apply conservation strategy. In each of the ecosystems, the IPCC scenario have been adopted to assess risk of biodiversity loss in future including potential effects on feeding and nursery condition and habitat states of the commercially important fishes and identify priority areas of future biodiversity conservation.

*EBSA: ecologically and biologically significant area, IPCC: intergovernmental panel on climate change, BISMaL: biological information system for marine life, OBIS: ocean biological information system

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