

Conservation of Marine Resources and Sustainable Coastal Community Development in Malaysia

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*This book is dedicated
to my father Md. Hafizur Rahman and my mother Shamsunnahar Begum*

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BOOK DESCRIPTION

This book addresses a timely and compelling emerging issue related to the conservation and sustainable use of marine resources and the sustainable development of the coastal community. Marine protected areas (MPAs) make a remarkable contribution to the protection of marine communities by providing sustainable livelihoods, deriving financial benefits from the development of fisheries and tourism, as well as by restoring ocean productivity and preventing further environmental degradation. These areas have been considered the cornerstone of a blue economy due to their substantial economic, social, and environmental contributions. However, MPAs around the world are severely hampered by a multitude of issues and challenges such as inefficient management, poor socioeconomic conditions, and environmental degradation due to human activities, overexploitation of marine resources, degradation of water quality, massive waste production, and climate change. These are the main obstacles to economic, social, and environmental sustainability. Hence, a collaborative management approach and an integrated management policy framework is urgently needed for the economic, social, political, cultural, technological, and ecological development of coastal communities.

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ACRONYMS

ABNJ	Areas Beyond National Jurisdiction
ABS	Access and Benefits Sharing
ASEAN	The Association of South East Asian Nations
CBD	Convention on Biological Diversity
CBET	Community Based Eco-Tourism
CCC	Community Consultative Committee
CCMALR	Convention for the Conservation of Antarctic Marine Living Resources
CD	Cultural Development
CMR	Conservation of Marine Resources
CPRs	Common Pool Resources
CPUE	Catch Per Unit Effort
CTI-CFF	The Coral Triangle Initiative on Coral Reefs, and Fisheries and Food Security
DENR	Department of Environment and Natural Resources
DMPM	Department of Marine Park, Malaysia
EAT	Environmental Attitude
EcoD	Ecological Development
ED	Economic Development
EEZ	Exclusive Economic Zone
EPU	Economic Planning Unit
ESAN	Environmental Sustainability Awareness
FAO	Food and Agriculture Organization
FGD	Focus Group Discussions
GBRMP	Great Barrier Reef Marine Park
GDP	Gross Domestic Product

IUCN	International Union for Conservation of Nature
MCPA	Marine and Coastal Protected Area
MNRE	Ministry of Natural Resources and Environment
MNS	Malaysian Nature Society
MPAs	Marine Protected Areas
MPC	Marine Protected Community
MPCs	Marine Park Communities
NIPAS	National Integrated Protected Areas System
NPA	National Protected Area
NTA	National Tourism Administration
OSPAR	Regional Sea Organization for the North-East Atlantic
PA	Protected Area
PAMB	Protected Area Management Board
PD	Political Development
PhilReefs	Coral Reef Information Network of the Philippines
RCM	Reef Check Malaysia
RCT	The Rational Choice Theory
RM	Ringgit Malaysia
SCCD	Sustainable Coastal Community Development
SD	Social Development
SDG	Sustainable Development Goals
SES	Socioeconomic Status
SSME	Sulu Sulawesi Marine Ecoregion
SUNR	Sustainable Use of Natural Resources
TD	Technological Development
UN	United Nations
UNDP	United Nations Development Programme
UNEP	United Nation Environment Programme
UNFCCC	United Nation Climate Change
WB	World Bank
WCMC	World Conservation Monitoring Centre
WDPA	World Database on Protected Areas
WWF	World Wide Fund for Nature

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