

Contents

Mangrove Ecosystem of Malaysia: Status, Challenges and Management Strategies	1
A. Latiff and I. Faridah-Hanum	
Distribution and Rarity of Rhizophoraceae in Peninsular Malaysia	23
W. A. Wan Juliana, M. S. Razali and A. Latiff	
Distribution and Current Status of Mangrove Forests in Indonesia	37
Cecep Kusmana	
Mangrove Forests in Thailand	61
Nathsuda Pumijumong	
Philippines' Mangrove Ecosystem: Status, Threats and Conservation	81
Kristine B. Garcia, Pastor L. Malabrigo, Jr. and Dixon T. Gevaña	
Distribution, Characteristics and Economic Importance of Mangrove Forests in Iran	95
Saeed Rashvand and Seyed Mousa Sadeghi	
Plant Diversity and Forest Structure of the Three Protected Areas (Wildlife Sanctuaries) of Bangladesh Sundarbans: Current Status and Management Strategies	127
Saiful Islam, Mizanur Rahman and Sourav Chakma	
Mangrove Fauna of Asia	153
Muhammad Nawaz Rajpar and Mohamed Zakaria	
Mangrove Forests of Timor-Leste: Ecology, Degradation and Vulnerability to Climate Change	199
Daniel M. Alongi	
Vulnerability of Mangroves to Climate Change	213
Joanna C. Ellison	

Impacts of Climate Change on Asian Mangrove Forests	233
Asish Kumar Parida, Vivekanand Tiwari and Bhavanath Jha	
Quantification of Soil Organic Carbon Storage and Turnover in Two Mangrove Forests Using Dual Carbon Isotopic Measurements	257
Lianlian Yuan, Jinping Zhang, Chengde Shen, Hai Ren, Hongxiao Liu and Kexin Liu	
The Relationship Between Mangrove Deforestation and Economic Development in Thailand	273
Toyokazu Naito and Suphakarn Traesupap	
Remote Sensing Technology: Recent Advancements for Mangrove Ecosystems	295
Mohd Nazip Suratman	
Management Strategies for Sustainable Exploitation of Aquatic Resources of the Sundarbans Mangrove, Bangladesh	319
M. Enamul Hoq	
Economic Sustainability for Halophyte Cash Farms in Urban Environments	343
Paul Bierman-Lytle	
Research and Development Activities Towards Sustainable Management of Mangroves in Peninsular Malaysia	373
Azian Mohti, Ismail Parlan and Hamdan Omar	
Climate Change Adaptation: Management Options for Mangrove Areas	391
Joanna C. Ellison	
Managing Mangrove Habitat Expansion in New Zealand	415
Carolyn J. Lundquist, Donald J. Morrissey, Rebecca V. Gladstone-Gallagher and Andrew Swales	
Mangroves are Wetlands, not Forests: Some Implications for Their Management	439
Brij Gopal	
Index	455



<http://www.springer.com/978-1-4614-8581-0>

Mangrove Ecosystems of Asia

Status, Challenges and Management Strategies

Faridah-Hanum, I.; Latiff, A.; Hakeem, K.R.; Öztürk, M.

(Eds.)

2014, XVI, 473 p. 148 illus., 133 illus. in color.,

Hardcover

ISBN: 978-1-4614-8581-0