

Monday 1st July		
0830-0900	Registration	
0900-0915	Welcoming Remarks	
0915-1030	Session 1: Mangrove Loss and Deforestation	
	Coastal and Estuarine Mangrove Ecosystems Are Feeling the Pinch – What Do We Know About the Threats, the Processes Affected, and the Prognosis for Not Coping?	Norman Duke
	The Global Mangrove Watch	Pete Bunting
	Mapping the Global Drivers of Mangrove Loss and Vulnerability	Liza Goldberg
	Identifying Areas, Understanding Causes and Estimating Impacts of Mangrove Erosion Hotspots	Radhika Bhargava
	Status, Threats and Management of Mangroves at a Southern Distributional Limit	Janine Adams
1030-1045	Guest of Honour Speech - Minister Desmond Lee	
1045-1115	Coffee Break	
1115-1215	Session 1: Mangrove Loss and Deforestation	
	Trends and Changes in Mangrove Canopy Height, Biomass and Carbon Stocks	Lola Fatoyinbo
	Estimating Mangrove Forest Area and Biomass Change Over a Decade in the Niger Delta, Nigeria	Chukwuebuka Nwobi
	Spatiotemporal Dynamics of the Conversion of Tropical Mangrove Lands to Shrimp/Fish Ponds, and Their Subsequent Abandonment: A Case Study of Indonesia’s Mahakam Delta	Aslan Aslan
	Monitoring the Matang Mangrove Forest Reserve Using Landsat Dense Time Series	Richard Lucas
1215-1330	Lunch	
1330-1515	Session 2: Mangrove Degradation	
	Of Mangroves and Men: Understanding Anthropogenic Marine Debris in Hong Kong Mangroves	Ying Luo
	The Mangrove Forest Carbon Flow and Storage Subjected to Anthropogenic Stress Levels	Martha Lucia Palacios Peñaranda
	Trace Metals Dynamics in a Mangrove Developing Downstream a Densely Populated Mega-City (Can Gio, Ho Chi Minh City, Vietnam)	Cyril Marchand
	Export of Metal Complexing Ligands from Singapore Mangroves to Local Coastal and Regional Waters	Gonzalo Carrasco
	Inorganic and Organic Carbon Exports from Mangrove Floodplains to the Coastal Ocean	Judith Rosentreter
	Effects of Nutrient Loading on Diversity, Composition and Function of Soil Microbial Communities in Mangroves	Hayley Craig
	Effects of Tree Thinning on Benthic Macroinvertebrate Community in Mangroves	Chuan-Wen Ho
1515-1545	Coffee Break	
1545-1715	Session 3: Impacts of People on Mangrove Structure and Function	
	Biogeomorphic Evolution of a Modern Tidal-Creek Mangrove Forest Reconstructed Using n-alkane Biomarkers Preserved in Sediment Archives	Andrew Swales
	Fine-scale Assessment of Changes in Zonations of Species for the Management of Imperiled Mangroves, Pichavaram, India	Shuvankar Ghosh
	UAVs at Mangrove Range Limits: Providing High-resolution Insights to Species Composition and Height in Dynamic Forests	Cheryl Doughty
	Wetland Plant Composition Affects Ecosystem Connectivity During a Catastrophic Hurricane	Anna Armitage
	Foliar Water Uptake by Coastal Wetland Plants from an Atmosphere of High Humidity: A Novel Water Acquisition Mechanism for Arid Zone Mangroves.	Matthew Hayes
	Mangrove Inventory Comparisons, Findings from Multi-agency Tests in Florida	Mark Brown
1715-1800	Lightning Talks	
	Mangrove Restoration in India: What For and What To Do?	K. Kathiresan
	High-Resolution Monitoring of Bed-level Dynamics in Intertidal Environments Using Laser Ranging Technology	Juanling Zhou
	Tidal Changes in the Fish Assemblage of a Tropical Estuarine Mangrove Wetland, China	Yamian Zhang
	Speciation with Gene Flow via Cycles of Isolation and Migration: Insights from Multiple Mangrove Taxa	Ziwen He
	Informing Coastal Wetland Conservation at the Global Scale: Accessible Science for Effective Action	Chris Brown
	Remote Sensing of Mangrove Health and Degradation in Singapore	Yen Ting Lim
	De Novo Assembly of An Important Mangrove Species <i>Bruguiera gymnorhiza</i> Genome and The Evolution of Genes After Whole Genome Duplication	Sen Li
	A New Mobile App Based on Botanical Expertise for Identifying Asian Mangrove Species	Joffrey Carle
	Evidence for the Central-marginal Hypothesis Along Some, But Not All, Distributions of an Expanding Mangrove Species, <i>Avicennia germinans</i> (L.) L.	John Paul Kennedy
	Distribution of Invertebrate Organisms on <i>Rhizophora</i> and <i>Avicennia</i>	Zeehan Jaafar
	Genetic Diversity Among Natural Populations of <i>Aegiceras corniculatum</i>	Rufan Zhang
	Microclimate Regulation as an Under-Recognised Ecosystem Service of Mangrove Forests	Wei Bin Ong
1800-1900	Poster Session I	

Tuesday 2nd July		
0830 -0900	Registration	
0900-0945	Keynote Address: Lessons in Mangrove Rehabilitation in the Philippines over the Decades Jurgenne Primavera, Zoological Society of London-Philippines	
0945-1030	Session 4: Mangrove Genetics and Connectivity	
	Convergent Adaptation at Multiple Genomic Levels among Plants Colonizing the Land-sea Interface	Suhua Shi
	The Population Genomics of the Mangrove Species <i>Sonneratia alba</i> Cast Light on the Genome Shaping from Isolation and Migration	Qipian Chen
	Understanding Mangrove Through DNA Metabarcoding: A Case Study from Iriomote Island	Tadashi Kajita
1030-1100	Coffee Break	
1100-1215	Session 4: Mangrove Genetics and Connectivity	
	The Molecular Adaptation in the Fluctuating Intertidal Environment in the Mangrove Tree, <i>Sonneratia alba</i>	Xiao Feng
	From Plastid to Nuclear DNA: Patterns of Genetic Structure and Phylogenetic Inconsistencies in <i>Avicennia marina</i> in the Western Indian Ocean	Dennis De Ryck
	Patterns of Macrobenthos Community in Different Types of Pond-to-mangrove Reversion Wetlands in Dongzhaigang Bay, China	Yiyang Kang
	Global-scale Dispersal and Connectivity in Mangroves	Tom Van der Stocken
	Mangroves in a Network of Connected Ecosystems: Sources and Sinks of Organic Matter	Martin Zimmer
1215-1330	Lunch	
1330-1515	Session 5: Mangroves and Climate Change	
	Modeling Mangrove Response to Changing Sea Level	Glenn Guntenspergen
	Using Surface Elevation Data to Improve Projections of Wetland Vulnerability and Coastal Management	Nicole Cormier
	Experimental Flooding Affects Physicochemical Conditions, Induces Some Physiological Responses and Alters Proteomic Profile of the Seedlings of a Common Mangrove, <i>Rhizophora mucronata</i> .	Pimchanok Buapet
	Warming Can Influence Mangroves with Implications for Resilience to Sea Level Rise: Early Findings from the WETFEET Project	Samantha Chapman
	230 Years of Climate Driven Regime Shifts in a Mangrove-Saltmarsh Ecotone	Kyle Cavanaugh
	Restrictions on the Latitudinal Expansion of Mangroves at the African Southern Distribution Limit and Implications for Ecosystem Service Delivery.	Jacqueline Raw
	The Cold Stress Response of Indo-West Pacific Mangrove Species with Varying Latitudinal Limits	Aidan William Short
1515-1545	Coffee Break	
1545-1715	Session 5: Mangroves and Climate Change	
	Warming Stimulate the Growth and Greenhouse Gas Emission of Mangroves in Their Northern Limit of China	Ying Dong
	Genome-Wide Insights into Low Temperature and Drought Stress Regulated Genes in <i>Bruguiera gymnorhiza</i>	Alison K S Wee
	Networking via Root Grafts - Just a Whim of Nature or a Strategy of Trees to be More Resilient in Stressful Environments?	Uta Berger
	Plastic morphological responses of mangroves to environmental change	Alejandra Vovides
	Sensitivity of Mangrove and Fisheries Production to Extreme Climatic Events in the Exmouth Gulf, Australia	Catherine Lovelock
	Delayed Mangrove Mortality from Hurricanes in the Caribbean	David Lagomasino
1715-1800	Lightning Talks	
	Global Distribution of Forest Gaps in Mangroves: A Review	Michael Kyei Agyekum
	Mangrove Community Resilience and Succession After Subsidence Inflicted Sea Level Rise in Car Nicobar Islands, India: Implications for Mangrove Conservation	Nehru Prabakaran
	Investigating Spatial Patterns of Variability in Bacterial Communities Inhabiting Arid <i>Avicennia marina</i> Forests	Timothy Thomson
	Transcriptome Analysis of <i>Kandelia obovata</i> and <i>Avicennia marina</i> Leaves in Response to Short-term and Long-term Submerging Stress	Qingshun Quinn Li
	Testing for a Species Effect on Mangrove Ecosystem Carbon Stocks Across Three Sites in Thailand	Jacob Bukoski
	Temporal Dynamics of Microbial Communities in Mangrove Sediments: On the Effects of Tidal and Diel Cycles	Véronique Helfer
	Promoting Regional Communication and Collaboration within the Mesoamerican Reef Ecoregion	Steven Canty
	Elimination of Reproductive Hindrances in Mangrove Propagation, an Emergent Criterion for Successful Mangrove Rehabilitation- A Study from Indian Sundarbans	Krishna Ray
	Recolonization of Mangroves and Epifaunal Mollusc Assemblages in Abandoned Aquaculture Ponds	Lara Mendoza
	Delimiting Species In The Red Mangrove <i>Rhizophora mangle</i> Species Complex	Gustavo Maruyama Mori
	Exploring the Molecular Diversity of Phytoplankton Communities in a Mangrove Ecosystem- the RuBisCO Story	Punyasloke Bhadury
	Influence of Salt Marsh Canopy on Black Mangrove (<i>Avicennia germinans</i>) at its Northern Latitudinal Limit.	Taylor Sloey
1800-1900	Poster Session II	

Wednesday 3rd July	
Field Trip 1	Mangrove insects workshop at Sungei Buloh Wetland Reserve
Field Trip 2	Mangrove plants workshop at Sungei Buloh Wetland Reserve
Field Trip 3	Mangrove macrofauna workshop at Sungei Buloh Wetland Reserve
Field Trip 4	Explore Pulau Ubin by land
Field Trip 5	Explore Pulau Ubin by kayak
Field Trip 6	Field trip to Pulau Semakau – Singapore’s landfill and island mangroves
Field Trip 7	Behind the scenes tour of the Singapore Botanic Gardens and Herbarium
Field Trip 8	Field trip to see Singapore’s wild otters at Marina Bay
Field Trip 9	Field trip to Tanjung Piai National Park (must bring a passport valid for entry to Malaysia by land)

Thursday 4th July		
0830 -0900	Registration	
0900-0945	Keynote Address: A World Without Functional Mangroves? Shing Yip (Joe) Lee, Chinese University of Hong Kong	
0945-1030	Session 6: Ecosystem Services of Mangroves	
	Ecosystem Services of Mangroves and Other Coastal Systems from Natural to Urban: A Review from the Tropics	Erik Yando
	Ecological Functioning and Services of Mangroves: A Global Analysis	Fiona Chong
	Effect of Human Driven Disturbances on Mangrove Wave Dissipation in the Sinú River Delta, Colombian Caribbean	David Sanchez Nuñez
1030-1100	Coffee Break	
1100-1230	Session 6: Ecosystem Services of Mangroves	
	Understanding Social and Spatial Differences in the Sociocultural Perspectives Held by Coastal Communities About Mangrove Ecosystem Services and Benefits	Rachael Carrie
	The Function of Aerial Root Structures on Sediment Accumulation and Surface Elevation Change in Mangrove Wetlands of China	Luzhen Chen
	Water Conservation Value of Mangroves	Ken W. Krauss
	The Crucial Role of Tree-Soil-Water-Feedback for Mangrove Zonation Patterns: A Cross-System Approach Linking Continuous Hydrogeological Modelling and Individual-Based Plant Models	Jasper Bathmann
	Evaluating the Relationship Between the Sun-induced Chlorophyll Fluorescence and Photosynthesis in a Mangrove Forest	Chen Shi
	Can We Assess the Functionality of Mangrove Ecosystems Through Their Macrobenthic Assemblages? A Case Study from Hong Kong	Stefano Cannicci
1230-1330	Lunch	
1330-1515	Session 7: Blue Carbon	
	The Magnitude of 'Blue Carbon' Storage in Mangrove Ecosystems: Carbon Accumulation Rates vs. Stocks, Sources vs. Sinks	Tim Jennerjahn
	Global Gradients in Mangrove Forest Structure and Relationship to Climate Variables and Local Geophysical Variables.	Marc Simard
	Carbon Sequestration by Deltas Worldwide	Andre Rovai
	Estimating the Full Greenhouse Gas Emissions Offset Potential of Mangroves: A Comparison of GHG Profiles Between Rehabilitating and Established Mangroves	Clint Cameron
	Do Not Forget Phosphorus! a Critical Driver Controlling Mangrove Carbon Storage in the Everglades Mangrove Ecotone Region, Florida USA	Victor Rivera-Monroy
	Biomass Estimation Based on Canopy Height Measurement for Mangroves in Panay Island, Philippines	Rempei Suwa
	How do Logging and Regeneration Affect Mangrove Ecosystem Carbon Stocks and Sediment GHG Effluxes? New Data from West Papua, Indonesia	Sigit Sasmito
1515-1545	Coffee Break	
1545-1715	Session 7: Blue Carbon	
	Thirty Years of Carbon Sequestration in an Expanding Mangrove Forest	Neil Saintilan
	Blue Carbon Benefits from Revegetation by Temperate Mangrove	Sabine Dittmann
	How Can North Sumatran Mangroves Cope with Sea Level Rise?	Daniel Murdiyarso
	Processing of Mangrove Woody Detritus Viewed at Molecular, Organismal, Functional Group and Ecosystem Levels: New Perspectives for Interpreting Carbon Fluxes	Simon Cragg
	Developing a Blue Carbon Mangrove Conservation Project in Cispata, Colombia	Jennifer Howard
	Avoided Emissions and Conservation of Scrub Mangroves: Potential for a Blue Carbon Project in the Gulf of California, Mexico	Fernanda Adame
1715-1800	Lightning Talks	
	Responses of Mangrove Seedlings to Invasive Cordgrass-induced Aboveground and Belowground Competition	Jiayu Wang
	Murky Mangroves and Catchy Corals – Does Ecosystem Attractiveness Influence Conservation Action?	Nico Koedam
	Molecular Mechanisms of Mangrove Viviparity	Xiaoxuan Zhou
	Mangroves Dramatically Increase Carbon Storage After Three Years of Encroachment	Lorae' Simpson
	A Promising Partnership: Improving Financial Investments in Mangrove Management and Conservation by Engaging the Private Sector	Raphaelle Flint
	Variation in Carbon Accumulation Rates and Contaminant Sequestration in Mangrove Soils of Puerto Rico	Danielle Ogurcak
	Mangrove Forest Growth Dynamics Across Different Aged Stands in West Papua, Indonesia	Mériadec Sillanpää
	Production of Zn complexing ligand by <i>Avicennia alba</i> and <i>Rhizophora apiculata</i> roots in response to Zn concentrations at human-impacted sites, Singapore.	Siew Chin Chua
	Conception of Biomimetic Artificial Mangrove Roots to Restore Degraded Mangrove Habitats and Develop Sustainable Eco-System Based Management Models	Julien Dalle
	Value Chain Analysis of Mangrove Forests in Central Mozambique: Uses, Stakeholders and Income	Vilma Machava António
	Singapore Holocene Relative Sea-level History Revealed from Mangrove Peats	Timothy Shaw
	Linking International Trade with Mangrove Conservation Outcomes: a Random Forest Supervised Classification Analysis in Sebilang National Park, Indonesia from 2000 to 2017	Mimi Gong
1800-1930	Poster Session III	

Friday 5th July		
0830 -0900	Registration	
0900-0945	Keynote Address: Mangrove, People and Sea Level Rise: The Past as a Guide to the Future Kerrylee Rogers, University of Wollongong	
0945-1030	Session 8: Mangrove Rehabilitation	
	Mangrove Restoration Potential: A Global Map Highlighting a Critical Opportunity	Thomas Worthington
	Assessment the Effectiveness of Mangrove Rehabilitation in Ca Mau Province from 2004-2013 Using Remote Sensing Data	Tuan Quoc Vo
	Using Community-based Ecological Mangrove Restoration in Abandoned Shrimp Ponds, Southern Thailand: Successes, Challenges and Lessons Learned	Jim Enright
1030-1100	Coffee Break	
1100-1215	Session 8: Mangrove Rehabilitation	
	Knowledge Gaps Negatively Affects Village-level Mangrove Planting Outcomes	Dominic Wodehouse
	Building Coastal Resilience for Disaster Risk Reduction and Climate Change Adaptation Through Community Engaged Green-gray Infrastructure and Supplemental Livelihood Development	Emelinda Abian
	Floodplain Restoration and Mangrove Rehabilitation as Site-Specific Elements of Coastal Protection in the Lower Mekong Delta, Vietnam	Klaus Schmitt
	The Use of Accelerometer Technology to Improve Mangrove Rehabilitation and Understanding of Tidal Wetland Dynamics	Thorsten Balke
	Application of an Individual Based Restoration Model for Three Mangrove Species in a Coastal Lagoon-Estuarine System in the Colombian Caribbean	Jose Ernesto Mancera
	Crabs and Gastropods as Indicators of Faunal Recovery in Replanted Tropical Mangroves Using a Triple Isotopic Approach	Amy Then
1215-1330	Lunch	
1330-1515	Session 9: Mangrove Macrobenthos	
	The Importance of Mangroves for the Conservation of Marine Megafauna	Michael Sievers
	Declining Regeneration Potential of <i>Rhizophora stylosa</i> Griff. in Mangrove Plantations: An Impact of Scolytid Beetle (<i>Coccotrypes rhizophorae</i> , Hopkins) Infestations	Leah Endonela
	What Lies Beneath? Quantifying Mangrove Crab Bioturbation Potential in Hong Kong Mangroves.	Laura Elisabeth Agosto
	Assemblages and Metabolic Responses of Invertebrate Larvae Associated to the Ting Kok, Hong Kong Mangrove Habitats	Lyle Vorsatz
	Herbivory Mediates the Invasion of <i>Spartina alterniflora</i> Into Mangrove Forest in China	Yihui Zhang
	Interference Competition as a Key Determinant for Spatial Distribution of Mangrove Crabs	Sara Fratini
	Nature’s Headlamps: a Unique Light-focusing Structure in <i>Perisesarma</i> (de Man, 1895) Mangrove Crabs	Ian Chan
1515-1545	Coffee Break	
1545-1730	Session 10: Mangrove management	
	Tangled Roots and Changing Tides: Understanding the Complicated, Interconnected and Evolving Legal and Institutional Regimes Governing Mangrove Conservation and Sustainable Use	Anouk Neuhaus
	A Typology of Intervention Types for Indonesian Mangrove Regimes	Benjamin Brown
	So Many Choices, So Little Time – Can Social Science Facilitate Choosing a Mangrove Management Approach?	Katherine Vande Velde
	Merging of Scientific Exploration and Traditional Knowledge in the Inhambane Bay Mangroves, Mozambique	Nasreen Peer
	Silvicultural Transformation of Even-Aged <i>Rhizophora</i> Plantations in Thailand	Michael Jenke
	Ecological Resilience of Mangroves: A Comparison of Two Mangrove Ecosystems	Thangamuthu Jayasingam
	Reconciling Nature, People and Policy in the Mangal Social-Ecological System Through the Adaptive Cycle Heuristic	Farid Dahdouh-Guebas
1730-1800	Final Remarks, Announcement of MMM6	

Posters (Monday 1st July)			
#	ID	Title	Name
1	T001-A008	Predicting the Dispersal Patterns of a Non-native Mangrove Species in an Estuary of Southern China Under Sea-level Rising Scenarios	Feng Hongyu
2	T001-A017	Effect of Copper and Cadmium on Osmoregulation and Oxygen Consumption in Mangrove Crab (<i>Parasesarma bidens</i>)	Stefano Cannicci
3	T001-A025	The Perceptions of Stakeholders on Current Management and on Alternative Livelihoods in Support of Sustainable Mangrove Management in Sokone and Toubacouta, Senegal	Manjula Arumugam
4	T001-A032	Biodiversity and Forest Structure of Natural Mangrove Systems of Bali and North Sulawesi, Indonesia	Jeannine Lessmann
5	T002-A002	The Role of Glycine Betaine in Range Expansions: Protecting Mangroves Against Extreme Freeze Events	Matthew Hayes
6	T003-A001	Mapping and Monitoring of South Asian Mangroves (1970 - 2014)	Chandra Giri
7	T002-A012	Transcriptome Analysis of Flooding Stress Tolerance in the Roots of <i>Kandelia obovata</i>	Chenjing Shang
8	T002-A013	Darwin City’s Greatest Asset: Mangroves Facing a Rising Tide in Northern Australia	Madeline Goddard
9	T002-A020	Modelling the Effect of a Partial Dieback of <i>Avicennia</i> Trees as a Strategy to Survive Temporary Increases in Salinity	Ronny Peters
10	T002-A017	Effects of Multiple Rounds of Cold Treatment on Physiological States of <i>Kandelia obovata</i> Reveals Possible Mechanisms of Cold Acclimation	Yingjia Shen
11	T002-A022	Preliminary Assessment of Mangrove Damages Caused by Hurricane Irma (2017) in the Saint Martin Island (West Indies)	Lambs Luc
12	T002-A024	Nitrogen Enrichment Accelerates Mangrove Range Expansion in the Temperate-Tropical Ecotone	Emily Dangremond
13	T002-A031	Mangroves on the Move: Investigating the Effects of Mangrove Invasion on Soil Processes Along the Eastern Florida Coastline	Emily Geoghegan
14	T002-A033	The Effect of Soil Warming on <i>Avicennia germinans</i> and <i>Spartina alterniflora</i> Species Interactions and Belowground Processes: A Mesocosm Approach	Mark Hester
15	T002-A034	The Effects of Water Temperature on the Cold Tolerance of Widespread Mangrove Species <i>Bruguiera gymnorhiza</i>	Zhong Cai Ma
16	T002-A035	The Influence of Life Stage on the Chilling Stress Response of Indo-West Pacific Mangrove Species	Chen Dan
17	T002-A039	The World Is Getting Stormier. How Will Coastal Mangrove Forests Hold Up?	Rosanna van Hespen
18	T002-A045	Extracting Mangrove Forest Phenology with Landsat and Modis Data Fusion	Chen Shi
19	T002-A048	Climate Change, Mangrove Forests and Fisheries in South-East Asia and the Caribbean	Frédérique Fardin
20	T002-A049	Structuring Effect of Salinity on the Chemical Quality of <i>Avicennia germinans</i> Leaves and Litter Decomposition in French Guyanas' Mangroves	Dounia Dhaou
21	T002-A057	Salt Marsh Influences Resilience of <i>Avicennia germinans</i> to Freezing Temperature and Hurricane Damage.	Audrey Shor
22	T002-A058	March of the Mangroves in Fits and Starts: Nitrogen Fertilizer Enhances Freeze Tolerance of Mangroves	Ilka Feller
23	T002-A060	Sea Level Rise Smack Down: 210Pb Vs SET/RSET Methodology	Richard MacKenzie
24	T002-A061	Impacts of Sea-level Rise on Mangrove Forests in China	Haifeng Fu
25	T002-A063	Comparisons in Responses of Plant-soil Systems to Nitrogen Addition and Air Warming Between Two Mangrove Species	Yuhong Li
26	T003-A004	Urbanising Malaysia: The Impacts and Consequences of Mangrove Habitat Loss	A. Aldrie Amir
27	T003-A008	Mangrove Monitoring and Carbon Assessment in J. N. “Ding” Darling National Wildlife Refuge, Sanibel Island, Florida.	Elitsa Peneva-Reed
28	T003-A014	Changes in Mangrove Surface Area and Morphodynamic Implications in Mayotte Island, Indian Ocean.	Matthieu Jeanson
29	T003-A017	Assessing Alternative Approaches in Measuring Surface Elevation Changes Following Mangrove Clearance in Tsimipaika Bay, North West Madagascar	Jaona Ravelonjatovo
30	T003-A026	Potential Blue Carbon Losses from Aquacultural Transformations of India’s Mangrove Swamps	Anushka Sah
31	T004-A003	Investigation of Physiological Responses of <i>Rhizophora mucronata</i> Lam. Seedlings to Copper and Zinc Excess	Supakson Torasa
32	T004-A004	Microbial Community Structure and Its Relationship to Heavy Metals in Shenzhen and Hong Kong Mangrove Sediments	Si Chen
33	T004-A007	Mercury Pollution in Matang Mangrove Forest Reserve, Malaysia: Is Charcoal Production a Threat?	Giovanna Wolswijk
34	T004-A009	Neglect of Coastal Bamboo Fences Triggered Mangrove Decline in Thailand	Aor Pranchai
35	T004-A010	Microbial Remediation of Heavy Metals in Polluted Mangrove Soils	Ying Xu
36	T004-A011	Trace Metal Contamination in Hong Kong Mangroves: Where Are We Now? 2000-2018	Samantha Klein
37	T004-A012	Sediment Physiochemical Properties in Different Level of Mangrove Disturbances Areas at Matang Mangrove Forest, Perak	Ahmad Mustapha Mohamad Pazi
38	T004-A013	Effects of Diesel on Growth Response of <i>Rhizophora mucronata</i> Seedlings Using Microcosm Experiment	Randy Sales
39	T004-A015	Remote Sensing of Mangrove Health and Degradation in Singapore	Yen Ting Lim
40	T005-A004	Speciation with Gene Flow via Cycles of Isolation and Migration: Insights from Multiple Mangrove Taxa	Ziwen He
41	T005-A006	Expansion and Adaptive Evolution of WRKY Transcription Factor Family in <i>Avicennia marina</i>	Guohong Li
42	T005-A007	Convergent Evolution of Genome Size of Mangrove	Shao Shao

Posters (Monday 1st July)-Continued			
#	ID	Title	Name
43	T005-A009	Genetic Diversity Among Natural Populations of <i>Aegiceras corniculatum</i>	Rufan Zhang
44	T005-A010	De Novo Assembly of An Important Mangrove Species <i>Bruguiera gymnorhiza</i> Genome and the Evolution of Genes After Whole Genome Duplication	Sen Li
45	T005-A014	Species Turnover in the Mangroves of the South-china Sea: A Comparison of the Predatory Fly Communities of Tropical Singapore with Subtropical Hong Kong	Patrick Grootaert
46	T005-A015	Evidence for the Central-marginal Hypothesis Along Some, But Not All, Distributions of an Expanding Mangrove Species, <i>Avicennia germinans</i> (L.) L.	John Paul Kennedy
47	T005-A019	Adaptive Roots of Mangrove Plant <i>Avicennia marina</i> : Structure and Transcriptome Analyses	Saiqi Hao
48	T006-A010	Tidal Changes in the Fish Assemblage of a Tropical Estuarine Mangrove Wetland, China	Yamian Zhang
49	T006-A032	Patterns of Mangrove Seedling Herbivory Across a Salinity Gradient	Kristin Jayd
50	T006-A033	Distribution of Invertebrate Organisms on <i>Rhizophora</i> and <i>Avicennia</i>	Zeehan Jaafar
51	T007-A012	Microclimate Regulation as an Under-Recognised Ecosystem Service of Mangrove Forests	Wei Bin Ong
52	T007-A013	Mangrove Restoration in India: What For and What to Do?	K. Kathiresan
54	T009-A021	A New Mobile App Based on Botanical Expertise for Identifying Asian Mangrove Species	Joffrey Carle
55	T009-A022	Informing Coastal Wetland Conservation at the Global Scale: Accessible Science for Effective Action	Chris Brown
56	T009-A051	High-resolution Monitoring of Bed-level Dynamics in Intertidal Environments Using Laser Ranging Technology	Juanling Zhou
57	T009-A046	Common Roots: the Role of Civil Society in Mangrove Conservation	Lester Tan
58	T010-A025	Testing Hydrological Suitability for Mangrove Restoration in Vietnam and Indonesia	Stijn Beernink

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#	ID	Title	Name
1	T001-A005	Mangroves and the Whole Picture: The Importance of the Historical Ecology Approach in a Changing World	Guilherme Abuchahla
2	T002-A007	Influence of Salt Marsh Canopy on Black Mangrove (<i>Avicennia germinans</i>) at its Northern Latitudinal Limit	Taylor Sloey
3	T002-A050	How Does Salinity Influence the Metabolome of <i>Avicennia germinans</i> Along Three Rivers of French Guyana?	Dounia Dhaou
4	T003-A012	Mangrove Community Resilience and Succession After Subsidence Inflicted Sea Level Rise in Car Nicobar Islands, India: Implications for Mangrove Conservation	Nehru Prabakaran
5	T005-A018	Delimiting Species in the Red Mangrove <i>Rhizophora mangle</i> Species Complex	Gustavo Maruyama Mori
6	T005-A020	Transcriptome Analysis of <i>Kandelia obovata</i> and <i>Avicennia marina</i> Leaves in Response to Short-term and Long-term Submerging Stress	Qingshun Quinn Li
7	T005-A022	Investigating Spatial Patterns of Variability in Bacterial Communities Inhabiting Arid <i>Avicennia marina</i> Forests	Timothy Thomson
8	T005-A023	Exploring the Molecular Diversity of Phytoplankton Communities in a Mangrove Ecosystem- the RuBisCO Story	Punyasloke Bhadury
9	T005-A025	Molecular Cloning and Characterization of a Phytochelatin Synthase Gene, RmPCS from <i>Rhizophora mucronata</i>	Aekkaraj Nualla-ong
10	T005-A026	Multi-species Genetic Structure, Demography and Adaptation of the Mangrove Genus <i>Rhizophora</i> , Revealed by Re-sequencing Data: Implications for Conservation Genomics Under Climate Change	Yoshiaki Tsuda
11	T005-A027	The Delineation of Marine Protected Areas: Perspectives from Comparative Phylogeography of Mangrove Trees and Crabs	Alison K S Wee
12	T005-A031	Investigating Mangrove Productivity in Relation to Socio-economically Important U.S. Fisheries	G Kirthana Pilay
13	T006-A003	Patterns of Macrobenthos Community in Different Types of Pond-to-mangrove Reversion Wetlands in Dongzhaigang Bay, China	Yiyang Kang
14	T006-A004	Latitudinal Gradients and Poleward Expansion of Mangrove Ecosystems in South Africa	Nelson Miranda
15	T006-A007	The Relative Role of Stochasticity Versus Determinism in Shaping the Biogeographic Patterns of Mangrove Crab in Five Subtropical Intertidal Ecosystems	Guogui Chen
16	T006-A017	Impact of Mangrove Forest Management on Birds: Field Assessment and Reflections on Ecological Functionality	Farid Dahdouh-Guebas
17	T006-A018	Hong Kong as a Diversity Hotspot for Mangrove Snails: Results of a Recent Survey	Christine Cheng
18	T006-A021	Food Selection by Detritivorous Crabs Among Detritus from Different Sources	Ameena Haroon
19	T006-A022	Unravelling the Complex Food Web of Highly Biodiverse Mangroves Using Stable Isotopes of Amino Acids	Henrique Bravo
20	T006-A023	Accumulation of Heavy Metals in Mollusks as Bioindicator of Contamination in Mangroves Disturbed by Mining in Lake Uacon, Zambales, Philippines	Khasmer Marbella
21	T006-A025	Spatial Variations in Macrofaunal Community in Mangroves	Sin-He Pan
22	T006-A028	Characterization of Macrozoobenthos and Lipid Input Under Different Land-Use of Mangrove Forest, North Sumatra, Indonesia	Mohammad Basyuni
23	T006-A030	The Under-appreciated Diversity of Mangrove Types in the Greater Caribbean: An Examination using Mangrove Fish Assemblages	Gustavo Castellanos-Galindo
24	T006-A035	Thermal Physiology of Mangrove Crabs with Different Degrees of Terrestrialization	Pedro Jimenez
25	T007-A003	Global Distribution of Forest Gaps in Mangroves: A Review	Michael Kyei Agyekum
26	T007-A005	Applying Spatially Explicit Benefit Transfer Techniques to Ecosystem Service Valuation of an Urban Ecosystem	Jahson Alemu
27	T007-A009	Integrated Assessment of the Mangrove Ecosystem Services in the Bangladesh Sundarbans Complex	Behara Satyanarayana
28	T007-A010	Assessment of Potential Contribution of Mangrove Vegetation to Apiculture Along Leyte and Samar Islands, Philippines	Maria Elisa Gerona
29	T007-A015	The Relative Role of Mangroves on Wave Erosion Mitigation and Sediment Properties	David Sanchez Nuñez
30	T007-A021	Stakeholder Perspectives and Ecosystem Services in Mangrove Ecosystems. Results from Singapore, Brazil, and South Africa	Ralf-Uwe Syrbe
31	T007-A027	Digging Into Sediments and Microbes for Nature Conservation: A Multi-disciplinary Approach to Mangrove Management, Sustainable Use and Spatial Conservation Planning	Martin Zimmer
32	T007-A028	Ecosystem Service Modeling as a General Approach for Studying Mangrove Carbon Sequestration: Challenges and Benefits	Zhiliang Zhu
33	T007-A034	Investigating the Relationship Between Mangrove Extent and Fishing at the Global Scale	Rachel Seary
34	T007-A038	Socio-ecological Dimensions of Mangrove Ecosystem Services in the Rapidly Urbanized Klang Islands – Implications for Mangrove Management in Southeast Asia	Amy Then
35	T007-A040	Proposing Livelihood Strategies Ecosystem-based Adaptation by AlivE planning tool in the Coastal Mangrove Forest: A Case Study in Cu Lao Dung Island, Vietnam	Phan Thi Ngoc Thuan

Posters (Tuesday 2nd July)- Continued			
#	ID	Title	Name
36	T007-A047	Macroalgae Associated to the Roots of <i>Rhizophora mangle</i> in the National Park Rosario Islands, Caribbean Colombia	Brigitte Gavio
37	T008-A004	Sediment Accretion and Carbon Accumulation Rates in Disturbed Mangrove Forests of North Sumatra, Indonesia	Bayu Hanggara
38	T008-A010	Carbon Stock of Mangrove Sediment in Mempawah, West Kalimantan Indonesia	Tia Nuraya
39	T008-A011	The Carbon in Above Ground Standing Biomass and Soil of Planted and Natural Mangrove Forest in Trang, Thailand	Pablina Cadiz
40	T008-A013	Macroecology of Mangrove Carbon in Colombia: Biogeography, Foundation Species and Climate	Juan Blanco-Libreros
41	T008-A020	Carbon Stocks in the Pacific and Caribbean Colombian Mangroves	Jaime Polania
42	T008-A023	Internal Mesophyll Structures Contribute to Carbon Accumulation in Mangrove Leaves	Xiaoxuan Gu
43	T008-A025	Incorporating Coastal Blue Carbon Ecosystems Into National Greenhouse Gas Inventories	Catherine Lovelock
44	T008-A026	Blue Carbon Local Governance in the Philippines: Analysis of the Mangrove Management Plans in Municipal Level	Jay Mar Quevedo
45	T008-A029	The Quantification of Blue Carbon in a South African Warm Temperate Estuary	Sinegugu Mbense
46	T008-A030	Factors Affecting Seascape Carbon Dynamics: A Perspective from Zanzibar Mangrove Forests and Seagrass Beds.	Daniel Arturo Hortua
47	T008-A031	Terrestrial Glomalin-related Soil Protein Sequestration Contributes Carbon Storage in Coastal Mangrove Wetlands	Lu Qian
48	T008-A032	Sunlight and Microorganism Mediated Dissolved Organic Matter Dynamic Along the Mangrove Creek Continuum	Shengjie Wu
49	T008-A038	Uncertainties in Estimation of Spatial Carbon Dynamics in the Sundarbans Mangrove Forest, Bangladesh	Md Saidur Rahman
50	T008-A041	A Comprehensive Review of Global Mangrove Extent, Biomass and Carbon Estimates	Lola Fatoyinbo
51	T008-A042	Exploring Changes in Bacterioplankton Community Structure in Response to Tannic Acid, a Major Component of Litterfall, in a Mangrove Ecosystem: A Laboratory Mesocosm Approach	Anwesha Ghosh
52	T008-A043	Modeling Coupled Dynamics of Mangrove Photosynthesis, Transpiration, and Species Composition Under Soil Salinity Gradient	Masaya Yoshikai
53	T008-A048	Testing for a Species Effect on Mangrove Ecosystem Carbon Stocks Across Three Sites in Thailand	Jacob Bukoski
54	T008-A052	Temporal Dynamics of Microbial Communities in Mangrove Sediments: on the Effects of Tidal and Diel Cycles	Véronique Helfer
55	T009-A004	Promoting Regional Communication and Collaboration within the Mesoamerican Reef Ecoregion	Steven Canty
56	T010-A005	Elimination of Reproductive Hindrances in Mangrove Propagation, an Emergent Criterion for Successful Mangrove Rehabilitation- A Study from Indian Sundarbans	Krishna Ray
57	T010-A020	Training of Trainers on Mangrove and Beach Forest Rehabilitation and Conservation	Rona Joy Loma
58	T010-A024	As Good as G(Old)? Comparing Biodiversity and Ecosystem Services of Restored and Natural Mangrove Forests in the Wallacea Region (CoReNat)	Karen Diele
59	T010-A030	Recolonization of Mangroves and Epifaunal Mollusc Assemblages in Abandoned Aquaculture Ponds	Lara Mendoza
60	T008-A027	Would Wood Make the Difference? Inter- and Intraspecific Variation in Mangrove Carbon Fraction and Wood Specific Gravity in Gazi Bay, Kenya	Nico Koedam

Posters (Thursday 4th July)			
#	ID	Title	Name
1	T001-A018	Linking International Trade with Mangrove Conservation Outcomes: A Random Forest Supervised Classification Analysis in Sebilang National Park, Indonesia from 2000 to 2017	Mimi Gong
2	T001-A023	Stand, Biomass and Canopy Patterns across Disturbance Gradients in Mangrove Forests of the Niger Delta	Chukwuebuka Nwobi
3	T001-A026	Utilization of Fishing Resources and Mangrove Wood Products in Mamanguape River Estuary (MRE), Northeastern Brazil	Manjula Arumugam
4	T002-A037	Singapore Holocene Relative Sea-level History Revealed from Mangrove Peats	Timothy Shaw
5	T010-A011	Conversions and Restoration of Mangroves in Tanzania: Bridges and Barriers for Sustainability	Mwita Mangora
6	T003-A013	Changes in Mangrove Forest Cover and Their Effect on Community Composition, Ecosystem Processes and Spatial Subsidies	Véronique Helfer
7	T004-A005	Exploring the State of Heavy Metal Pollution in Hong Kong Mangroves and Its Potential Influence on Mangrove Crabs	Rebekah Butler
8	T004-A016	Investigation of Metal Detoxification Mechanisms in the Roots of the Seedlings of a Common Mangrove, <i>Rhizophora mucronata</i> with an Emphasis on the Expressions of Phytochelatin Synthase (pcs).	Pimchanok Buapet
9	T004-A018	Production of Zn complexing ligand by <i>Avicennia alba</i> and <i>Rhizophora apiculata</i> roots in response to Zn concentrations at human-impacted sites, Singapore.	Siew Chin Chua
10	T005-A001	Come Rain or Come Shine, Come Crane or Come Swine	Guilherme Abuchahla
11	T005-A028	Molecular Mechanisms of Mangrove Viviparity	Xiaoxuan Zhou
12	T007-A014	Murky Mangroves and Catchy Corals – Does Ecosystem Attractiveness Influence Conservation Action?	Nico Koedam
13	T007-A022	Value Chain Analysis of Mangrove Forests in Central Mozambique: Uses, Stakeholders and Income	Vilma Machava António
14	T007-A023	Examining Coastal Litter in Mangroves from an Ecosystem Service and Disservice Framework	Sasha Soto
15	T007-A032	Dynamic System for Silvofishery Financial Feasibility in Mangrove Forest	Mohammad Basyuni
16	T007-A045	Variation in Carbon Accumulation Rates and Contaminant Sequestration in Mangrove Soils of Puerto Rico	Danielle Ogurcak
17	T008-A001	Mangroves Dramatically Increase Carbon Storage After Three Years of Encroachment	Lorae' Simpson
18	T005-A029	Relative Contribution of Environmental And Spatial Variables to the Genetic Diversity of <i>Avicennia germinans</i> and <i>A. schaueriana</i>	Michele Silva
19			
20	T008-A037	The Relevance of Particulate Matter Interchange Between Mangrove Forests, Seagrass Beds and Tidal Flats for Singapore Blue Carbon	Daniel Arturo Hortua
21	T008-A051	Effects of Tree Species and Density on Carbon Sequestration in Mangrove	Hsing-Juh Lin
22	T008-A053	Estimation of Blue Carbon Storage in Mangrove Ecosystems of Java, Indonesia	Devi Choesin
23	T008-A054	Carbon Storage in a Small Mangrove-dominated Estuary (Kipumbwi-Sange) in Coastal Tanzania	Xiaochen Zhao
24	T008-A057	Mangroves of Colombia in the Times of Peace: Appraisal of Ecological State and Threats for Blue Carbon Projects in a Post-Conflict Era	Juan Blanco-Libreros
25	T008-A061	Correcting the Bias in Estimating Organic Carbon Content from Loss-on-Ignition in Mangroves and Saltmarshes	Xiaoguang Ouyang
26	T008-A063	An App Based Approach for Mangrove Monitoring and C Stock Assessments	Richard MacKenzie
27	T009-A003	Revisiting Mangrove Allometry for the Purpose of Sustainable Forest Management in West Papua, Indonesia	Muljadi Tantra
28	T009-A006	Estimating Tree Volume of Bintuni Bay Mangroves with Sentinel-2 Images and Principal Component Analysis	Rui Xiang Teo
29	T009-A007	Mangrove Forest Growth Dynamics Across Different Aged Stands in West Papua, Indonesia	Mériadec Sillanpää
30	T009-A015	Does Logging-induced Regrowth Change Leaf Chemistry in White Mangroves? - New Insights Using Pyrolysis-GC/MS	Mirco Wölfelschneider
31	T009-A017	Comparison of Stakeholder’s Knowledge on Mangroves with Scientific Results in Mayotte Island (Indian Ocean)	Esmeralda Longepe
32	T009-A018	Mangrove Biodiversity and Fauna Composition During the First 30 Years Rotation (1988 - 2018) on a Sustainably Managed Mangrove Forest in Bintuni Bay, West Papua, Indonesia	Ruhuddien Pandu Yudha
33	T009-A019	Expansion of an Introduced Mangrove Species in Mangrove- <i>Spartina</i> Ecotone in Southern China	Dan Peng
34	T009-A020	Conservation International Fiji’s Pathway Towards a Collaborative Mangrove Management and Restoration Strategy in Fiji	Senilolia Tuiwawa
35	T009-A023	Villager Participation in Mangrove Management Is Not a Panacea and Needs Additional Capacity Building Intervention	Dominic Wodehouse
36	T009-A024	A Promising Partnership: Improving Financial Investments in Mangrove Management and Conservation by Engaging the Private Sector	Raphaelle Flint
37	T009-A025	A Home Away from Home: A Built Habitat Acts as a Mangrove Analogue in a Novel Ecosystem	Zachary Cannizzo
38	T009-A026	An R Package for Computation of Mangrove Forest Structure Using Plot and Plotless Methods	Rafael Araujo
39			
40	T009-A029	Opportunities for the Improvement of Mangrove Forest Management: An Assessment of Local Population Perceptions in Matang Mangrove Forest Reserve, Malaysia.	Katherine Vande Velde

Posters (Thursday 4 th July) - Continued			
#	ID	Title	Name
41	T009-A031	When Community-based Mangrove Conservation Fosters Integrated Coastal Management	Thomas Auger
42	T009-A032	Local Policies and Activities for Mangrove Conservation in Indonesia: Suggestion for Sustainable Aquaculture	Kevin Muhamad Lukman
43	T009-A038	Matang Mangrove Forest Reserve (MMFR) Productivity and N Loading	Waseem Razzaq Khan
44	T009-A039	The Forester, the Pilot and the Geometer: An Accuracy Analysis of Mangrove Tree Heights Measured Using Forestry Techniques, UAVs and Hypsometers	Richard Lucas
45	T009-A043	How to Convey a Complex Message to a Wide Audience: Avoiding the Ocean Divide Between Science and Public Understanding? Insights from a Coastal Awareness Project in Sri Lanka	Farid Dahouh-Guebas
46	T009-A044	Conserving Mangrove Habitat in a Biophilic City – Berlayer Creek as a Case Study in Singapore	Benjamin P. Y-H. Lee
47	T009-A047	Mangroves Management for Resilience: Countering the Risks of Coastal Floodings in Freetown, Sierra Leone.	Julian Reingold
48	T009-A048	Mandai Mangrove and Mudflat – A Conservation Management Approach in Singapore	Shufen Yang
49	T009-A052	Mangroves Structure and Thickness to Mitigation Coastal Erosion Due to Impacting of Wave Energy: A Case Study in Soc Trang, Vietnam	Ly Trung Nguyen
50	T009-A053	Evaluating the Current Issues and Challenges on Blue Carbon Ecosystems from Social Science and Policy Perspectives	Ryo Kohsaka
51	T010-A001	Pond-to-Mangrove Reversion in China	Lin Zhang
52	T010-A003	Natural Hybridization Between Introduced <i>Sonneratia apetala</i> and Native Species Raises Concern in Mangrove Restoration	Wei Xie
53	T010-A012	Breakwaters: A Green-gray Strategy for Mangrove Rehabilitation in Highly Eroded Coastline of Pedada, Ajuy, Iloilo, Philippines	Rona Joy Loma
54	T010-A014	Responses of Mangrove Seedlings to Invasive Cordgrass-Induced Aboveground and Belowground Competition	Jiayu Wang
55	T010-A019	Conception of Biomimetic Artificial Mangrove Roots to Restore Degraded Mangrove Habitats and Develop Sustainable Eco-System Based Management Models	Julien Dalle
56	T010-A023	Can Maintenance of Mangrove Plantation Enhance Diversity and Abundance of Macrofauna in Mangrove Planted in Abandoned Shrimp Ponds?	Itchika Sivaipram
57	T010-A028	The Practical Use of a Hydrological Classification Method for Ecological Mangrove Restoration in the Mangroves of Singapore	Stijn Beernink
58	T010-A037	Comparison on the Species Composition and Abundance of Crabs: Assessment of the Effectiveness of Mangrove Rehabilitation Sites	Jean Calapuan
59	T010-A041	Carbon, Nitrogen and Phosphorus Stocks in Neotropical Mangroves Along a Restoration and Degradation Path	Laura Victoria Perdomo Trujillo