

COLOR CODE & DESCRIPTION		THEME 1	THEME 2	THEME 3	THEME 4	THEME 5	THEME 6
		Protecting and restoring mangrove forests and their biodiversity	Understanding and solving marine pollution in mangrove wetlands	Achieving sustainable socio-economic development and equity	Unlocking climate action and implementing mangrove-based solutions to climate change	Expanding the Global Mangrove Observing Systems, and implementing inclusive technological innovations and education to increase awareness	Changing human relationships with mangrove wetlands
HOUR		Monday 24th	Tuesday 25th	Wednesday 26th	Thursday 27th	Friday 28th	
		Rhizophora & Avicennia forests	Rhizophora forest (Flexible and Hemicycle rooms)		Rhizophora forest (Flexible and Hemicycle rooms)	Rhizophora forest (Flexible and Hemicycle rooms)	Avicennia forest (Auditorio and Magistral rooms)
8:00		José Ernesto Mancera - Welcome message	Sara Frattini - Genetics and genomics approaches are powerful tools for conservation of mangrove biodiversity		Ken Howard - Challenges to responsible scaling of mangrove protection and restoration	Andre Rovai - Drivers of change and uncertainties on blue carbon dynamics across the world's mangroves: A walk through spatial and temporal scales	
8:15		Dan Fries - Celebrating the diversity of the world's mangroves					
8:45			Coffee break		Coffee break		
9:00			Marie-Christin Wimmier - Are root grafts cooperative traits for mangroves to cope with water stress?		Steven Pennings - Loss of mangroves due to hard freeze leads to coastal erosion	Marc Simard - A New Global Map of Mangrove Canopy Height	Laurel Wood Gutenberg - Remote Sensing of Belowground Carbon in Mangrove Forests- Case Study of Pohnpei, Federated States of Micronesia
9:15		Coffee break	Daniel Marin Zuluaga - Landscapes of fear in mangrove ecosystems: conservation and restoration applications based in case studies		Jorge López Portillo - Long-term Monitoring of Hydrological Rehabilitation and Mangrove Restoration in Coastal Lagoon in the Gulf of Mexico	Cristian Camilo Montes-Chaura - Use of semi-automated remote sensing techniques for the quantification of mangrove cover in Colombia: input for territorial ecosystem management.	Loures Celeste Ortega Trasiña - Mangrove conservation and restoration in collaboration with community women groups in the Northwest of Mexico
9:30		Edward Castaneda - Hurricane Irma effects on mangrove forest structure in the Florida Everglades, USA	Shing Yip Lee - The microphytobenthos drive key ecosystem processes in tropical mangroves		Adriana Parra - A Method for Long Term Monitoring of Mangrove Forest Change Dynamics Using Multisource Remote Sensing: The Ciénaga Grande de Santa Marta, Colombia	David Lagomasino - Quantifying the human footprint of mangrove change	Melva Treviño - Thinking Outside the Blue Economy Box: Achieving Equity in Mangrove Management
9:45		Vicki Bennion - Decadal Scale Trends in Surface Elevation and Mangrove Tree Growth in Moreton Bay, Queensland, Australia.	Anusha Rajakaran - Assessing the health and biodiversity of mangrove forests across a disturbance gradient in South Africa to prioritise actions for restoration		Jasper Feyen - Using gedi-based forest structural metrics, sentinel-1/2 data and field inventory data to map mangrove aboveground biomass in suriname	Juan Carlos Mejía-Rentería - Assessing Mangrove Ecological Condition based on Canopy Roughness using Drone-Based Digital Surface Models: examples from the Caribbean and Pacific Coasts	Mark Spalding - Mapping Mangrove Wealth: collaborative efforts to determine global values
10:00		Kevin J. Buffington - Mangrove responses to sea-level rise: projections of blue carbon and species composition from resilient and vulnerable ecosystems	Andre Jacques Fallaria - Unveiling a hidden world: The assemblage and diversity of epiphytic lichens in different mangrove habitats of Oriental Mindoro, Philippines		Cheryl Doughty - An updated global perspective on mangrove range limits: Using multiresolution mapping to address discrepancies in the spatial and bioclimatic limits of mangroves on the edge	Nathan Thomas - All of our Mangrove maps are right!	Alejandra Navarrete - Communicating Science to Policymakers
10:15		Anoop Raj Singh - Mangrove vegetation response to sea level decrease caused by coastal uplift in North Andaman Islands, India	Jacob J. Bukosi - Shred wastes, not carbon: Co-occurrence of surf breaks and mangrove conservation opportunities		Atticus Stovall - Exploring 3D Structural Signatures of Mangroves across the Planet	Rachel Collin - Application of Open Access Data for National and Sub-National Scale Mapping of Mangrove Cover	Hector Arsenio Tavera Escobar - Updating of the public policy instrument for the integral management of mangroves in Colombia
10:30		Mériadec Silangás - Biotic and abiotic influences on forest growth dynamics across different aged mangrove stands in west papua, Indonesia	Uta Berger - Advances and challenges in computer-based forest modelling to understand and predict mangrove responses to environmental changes		Pete Bunting - Global Mangrove Watch (GMW) Mangrove Alerts: Near Real-Time Alerts of Mangrove Loss	Paulo J. Murillo-Sandoval - Global trends of greening and browning in mangrove ecosystems	Andrea Preatoni - Establishing the relationship between non-human primates and mangrove forests at the global, national, and local scales
10:45		David Alejandro Sanchez - Effects of climate variability and hydrologic rehabilitation measures on long-term mangrove trajectories: from reproduction to recruitment and landscape cover changes	Hannah Bowen - Sap flow characteristics of root-grafted Avicennia germinans individuals		Thomas Worthington - The Mangrove Restoration Tracker Tool: meeting local practitioner needs and tracking progress of global targets	Cheuk Yiu Cheung - True Mangrove species in global marine databases: a critical appraisal	Patrick Yeung - Social Participation in Mangrove Conservation in China and its International Contribution
11:00		Renee L. Piccolo - Finding the window of feasibility for restoration in the face of biophysical, socioeconomic, and governance constraints	Véronique Helfer - Mangrove sediment metagenomics - delving into the still largely unknown microbial functional diversity		Julien Andrieu - Can the botanical occurrence data of the GBIF enhance accuracy of mangrove mapping by remote sensing with open-access satellites?	Lola Fatoyinbo - New system to map mangrove degradation in the Caribbean and Gulf of Mexico	
11:15		Gabriela J. Reyes - Despite Being Smaller in Area, Urbanized Mangroves Provide Important Functions Along the Atlantic Coast of Florida	Danielle E. Ogurcak - Using causal modeling to understand resilience of mangrove ecosystems to hurricane impact		Ken W. Krauss - Net ecosystem exchange of CO2 in mangroves: estimation from leaf, tree, and stand water use characteristics	Alison K.S. Wee - Environmental DNA (eDNA) metabarcoding of ichthyofauna in Asian mangrove ecosystems revealed spatial challenges in community-level analysis	
11:30		Nasreen Peer - Drivers and impacts of brachyuran distribution in South African mangroves	Steve Schill - Drones and Doves: Creating a more accurate national-scale mangrove inventory for The Bahamas		Kerryelle Rogers - Development and Validation of a Model of the Response of Adjacent Mangroves and Saltmarshes to Sea-Level Rise	Tadashi Kajita - Challenges to Understand Global Mangrove Biodiversity by eDNA Metabarcoding	<i>"Dans le sel, nos racines" (In salt, our roots) A documentary film by Sobal Expeditions (Premier)</i>
11:45		Nadine Heck - Global drivers of mangrove loss in protected areas vary across governance and IUCN categories	Lola Fatoyinbo - A new regional map of mangrove extent for Southeast Asia shows losses of 44% between the 1970s and 1996		Sandip Kumar Basak - In Indian Sundarbans xenogamous pollination is preferred in Bruguiera gymnorhiza and Avicennia spp., the most successful ones used commonly for mangrove afforestation ventures	Gustavo A. Castellanos-Galindo - The role of mangrove typology and biogeography in structuring mangrove fish assemblages in the American continent	
12:00		Jennifer Howard - Costs of restoring global mangrove forests	Henrique Bravo - Size does not matter: functional diversity indices help predict endangered mangrove forests around Hong Kong		Nicolas Moity - A first assessment of biomass and carbon estimation for Galapagos' mangrove forests	Stefan Sorge - Identifying most influential factors and related innovation development patterns in mangrove governance innovations in Colombia	
12:15		Di Nitto - Joining forces for the Red List of Mangrove Ecosystems	Catherine Lovelock - Enhancing sustainable mangrove restoration success through objective-based Global Mangrove Restoration Guidelines		Giovanna Weliswijk - How does forest management impact soil carbon in mangroves? A (10 m) deep study in the Matang Mangrove Forest Reserve, Malaysia	Tom Van Der Stocken-Future changes in seawater properties across mangroves globally and implications for dispersal	
12:30			Lunch		Lunch	Lunch	Lunch
13:00			<i>"Dans le sel, nos racines" (In salt, our roots) A documentary film by Sobal Expeditions (Premier)</i>		Lunch	Lunch	Lunch
14:00		Suhua Shi - Evolution of coastal forests based on a full set of mangrove genomes	Lianne Ball - Applying Ecological Mangrove Restoration Protocols Within a Structured Decision-Making Framework for Improved Outcomes		Samantha Chapman - Incorporating WETFEET project results into a new sea level rise model to estimate nutrient sinks in mangrove ecosystems	Norman C Duke - What is so special about the mangrove genus Pelliciera (Tetramistaceae) in equatorial America?	
14:15		Romy Peters - The impact of species- and site-specific hydraulic plant parameters on the forest structure - what do we need to know?	Jaramar Villarreal-Rosas - Social feasibility and ecological suitability are key for identifying mangrove restoration priorities, even under tight decision-making deadlines		Erik Yando - Carbon dynamics across the mangrove-tidal flat ecotone in a tropical seascape	Ilka Feller - Mangroves and the Mangrove Finch in the Galapagos:	
14:30		Alejandra G Vovides -Thorsten Balke - Identifying establishment thresholds of mangrove pioneer species - Implications for restoration	Maria-Ether Espinoza-Celi - Where can new mangroves establish within a large tropical river delta?: Quantifying hydrodynamic and geomorphological thresholds for new mangrove establishment		Zachary Cannizzo - International Collaboration to Enhance the Management and Carbon Accounting of Mangrove Ecosystems	Farid Dahdouh-Guebais and ca. 200 collaborators - Everything you always wanted to know about mangroves* (*but were afraid to ask)	
14:45		Karen Diele - Point of (no) return? Mangrove restoration practices set different trajectories for the (re) establishment of benthic diversity and ecosystem functionality	Jean-Philippe Bellard - On the impacts of ENSO on mangrove sediment accretion and adaptability to sea level rise		Lisa Schile-Beers - Monetizing Carbon Storage: Progress and pitfalls in mangrove carbon project development		
15:00		Ulrich Salzmann - Tracing the legacy of environmental change and human impact in mangroves of North Sulawesi, Indonesia	Rupesh K Bhojia - Carbon Dynamics in Mangrove Ecosystems of Andaman Islands: A living laboratory for studying natural disturbance and ecological succession		June Marie Mow - MangRes: Mangrove restoration as a nature-based solution in biosphere reserves in Latin America and the Caribbean		
15:15		Valerie Hagger - Drivers of global mangrove loss and gain in social-ecological systems	Dominic Andradi-Brown - Linking national-scale policy interventions to mangrove conservation outcomes		Timothy Thomson - Nutrient enriched mangrove sediments show evidence of carbon loss and altered biogeochemical processes		
15:30		Robert Twilley - Coastal morphology explain global mangrove blue carbon	Victoria Alejandra Sierra Luna - Functional analysis of benthic macrofauna in mangroves of the tropical Eastern Pacific (Colombian Pacific coast)		Fernando Arenas - Did sea level rise cause the disappearance of South California's mangroves during the Early Holocene?		
15:45		Break	Break		Break	Break	Break
16:00							
16:15		Moving to Cartagena University	Moving to Cartagena University		Moving to Cartagena University	Moving to Cartagena University	Announcement of MMM7 host country
16:30							
16:45							
17:00		Lightning Talks (SESSION 4)	Lightning Talks (SESSION 9)		Lightning Talks (SESSION 14)	Lightning Talks (SESSION 14)	Moving to Cartagena University
17:45							
18:00		Poster exhibition (SESSION 5)	Poster exhibition (SESSION 10)		Poster exhibition (SESSION 15)	Poster exhibition (SESSION 15)	
18:45							
19:00							
19:15							
20:00							
18:45		Cultural activities - Acto Inaugural	Semanglares V Workshop	Semanglares V Workshop	Semanglares V Workshop	Semanglares V Workshop	Closing Ceremony
19:00							
19:15							
19:30							
19:45							
20:00							

FIELD TRIPS

CELEBRATING MANGROVE DAY 2023