

We received over 250 abstract submissions, all of which were of a very high quality. With only 84 oral slots to fill, many top notch abstracts were chosen for poster presentation. For this reason, we are dedicating two (2) evenings to poster presentations and networking, as well as featuring some poster presentations with lightning talks (see the Detailed Agenda). Poster presentations are an integral part of this meeting, and we hope these poster events will generate as much buzz about the excellent work on display as the abstracts deserve.

## Mangrove & Macrobenthos Meeting (MMM4) 2016 Tentative Agenda

### Sunday, July 17, 2016

1:00PM - 6:00PM	<b>Flagler Dorm Check-in</b> <i>(Latecomers must check in with Flagler Security in Ponce de Leon Hall Rotunda, accessible from Kenan Parking Lot)</i>
3:00PM - 6:00PM	<b>Registration Open (Lewis Auditorium Lobby)</b>
3:00PM - 6:00PM	<b>Poster and Sponsor/Exhibitor Move-In (Gymnasium)</b>

### Monday, July 18, 2016

9:00AM - 6:00PM	<b>Registration Open (Lewis Auditorium Lobby)</b>
9:00AM - 12NOON	<b>Poster and Sponsor/Exhibitor Move-In (Gymnasium)</b>
12:30PM - 12:45PM	<b>Welcome Remarks by Organizers</b>
12:45PM - 1:40PM	<b>Catherine Lovelock</b> Keynote Presentation <i>Deserving of a Better Fate: Mangroves and Sea Level Rise</i>

### Session 1: Biodiversity and Biocomplexity

Moderator: Karen L. McKee

1:40PM	Presenter	Abstract Title
1:45PM	Shing Yip Lee	SEEING THE TREES AS WELL AS THE FOREST: QUANTIFYING THE RELATIONSHIP BETWEEN HABITAT SPATIAL COMPLEXITY AND MANGROVE ECOSYSTEM SERVICES
2:00PM	Janine Adams	DYNAMICS OF MANGROVES ALONG THE SOUTH AFRICAN COASTLINE
2:15PM	Susan Bell	RECRUITMENT OF <i>AVICENNIA GERMINANS</i> IN A MOSAIC SALT MARSH: A FIELD STUDY OF PATCH-SCALE PLANT INTERACTIONS
2:30PM	Takashi Yamamoto	GENETIC STRUCTURE AND POPULATION DEMOGRAPHY OF WIDESPREAD SEA-DISPERSAL PLANTS <i>VIGNA MARINA</i> IN THE PACIFIC
2:45PM	Hanyu Meng	DO NATIVE INTERTIDAL BURROWING CRABS BENEFIT FROM NON-NATIVE <i>SPARTINA ALTERNIFLORA</i> ?
3:00PM	Anusha Rajkaran	WILL THE EXPANSION OF MANGROVE FORESTS ALTER THE NURSERY FUNCTION OF ESTUARIES IN SOUTH AFRICA
3:15PM	Wayne Sousa	RATES OF MANGROVE FOLIVORY HIGHER THAN ASSUMED
3:30PM	<b>PM REFRESHMENT BREAK</b>	

### Session 2: Historical Ecology and Climate Change

Moderator: Samantha Chapman

3:55PM	Presenter	Abstract Title
4:00PM	Michael Osland	CLIMATE CHANGE AND THE GLOBAL DISTRIBUTION OF MANGROVE FORESTS
4:15PM	Donna Devlin	BIODIVERSITY IS INTEGRAL TO THE ABILITY OF FOUNDATION SPECIES TO ADAPT TO CHANGING CLIMATE CONDITIONS
4:30PM	Zachary Cannizzo	AN EXPLORATION OF CHANGING DIET AND BEHAVIOR IN THE RANGE-SHIFTING MANGROVE TREE CRAB ( <i>ARATUS PISONII</i> ) BETWEEN ITS HISTORIC AND NOVEL HABITATS
4:45PM	Armando Reis Neto	MANGROVES AT THE ARAÇÁ BAY, SÃO PAULO, BRAZIL: A HISTORICAL ECOLOGY APPROACH
5:00PM	Glenn Coldren	ARTIFICIAL WARMING INCREASES ADULT MANGROVE AND SALT MARSH GROWTH RATES AND MAY ENHANCE TRANSITION TO MANGROVE DOMINANCE
5:15PM	Daniel Murdiyarto	MANAGING TERRESTRIAL CARBON STOCKS THROUGH A LONG-TERM LOGGING ROTATION IN MANGROVE FORESTS IN BINTUNI BAY, WEST PAPUA
5:30PM	John Parker	WHAT CONTROLS POLEWARD RANGE LIMITS OF MANGROVES?
5:45PM	Nico Koedam	MANGROVES—CAPTURED BY THE KEEN EYE OF A 17 <sup>TH</sup> CENTURY LANDSCAPE PAINTER

6:00pm – 7:00pm	<b>WELCOME RECEPTION</b>
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**TUESDAY, JULY 19, 2016**

7:30AM - 6:30PM	<b>Registration Open (Lewis Auditorium Lobby)</b>	
7:30AM - 8:30AM	<b>LIGHT MORNING REFRESHMENTS</b>	
8:30AM - 10:15AM	<p align="center"><b>MANGROVE RESTORATION FORUM</b>            Moderator: Roy R. "Robin" Lewis III  <i>Introduction and Review of Past, and Present Opportunities</i>  <b>Jorge Rey, Ron Brockmeyer and Melinda Donnelly</b>  <i>The Rehabilitation of Impacted Wetlands in the Indian River Lagoon, Florida</i>  <b>Nicole Cormier</b>  <i>Using Surface Elevation as a Tool to Assess Functional Equivalency after Mangrove Forest Restoration</i>  <b>Roy R. "Robin" Lewis III and Laura L. Flynn</b>  <i>Future? We Have to Learn From Our Mistakes and Implement Early Detection and Preemptive Rehabilitation</i></p>	
10:15AM	<b>AM REFRESHMENT BREAK</b>	
<p align="center"><b>Session 3: Macrobenthos and Marine Communities, Part I</b>            Moderator: Wayne P. Sousa</p>		
<b>10:40AM</b>	<b>Presenter</b>	<b>Abstract Title</b>
10:45AM	Mark Huxham	KROPOTKIN'S GARDEN: PLANT-PLANT AND ANIMAL-PLANT FACILITATION IN MANGROVE ECOSYSTEMS
11:00AM	Rachel Smith	ENGINEERING COMMUNITY CHANGE FROM THE BOTTOM-UP: MANGROVE EXPANSION ALTERS DETRITAL INVERTEBRATE COMMUNITY COMPOSITION
11:15AM	Nasreen Peer	INVESTIGATING THE RESILIENCE OF MANGROVE ECOSYSTEMS AND FIDDLER CRABS IN SOUTH AFRICA
11:30AM	Inga Nordhaus	EFFECTS OF ENVIRONMENTAL CHANGE ON MANGROVE BIODIVERSITY, COMMUNITY DYNAMICS AND ECOSYSTEM FUNCTIONS IN JAVA, INDONESIA
11:45AM	Jenny Booth	MANGROVE MICROBIOME DYNAMICS IN CRAB BIOTURBATED SEDIMENT
12:00PM	Gustavo Adolfo Castellanos-Galindo	MODELING TROPHIC FLOWS IN THE WETTEST MANGROVES OF THE TROPICAL EASTERN PACIFIC REGION
12:15PM	Karen Diele	FROM SCIENCE TO POLICY: UNDERSTANDING REPRODUCTIVE RHYTHMICITY OF BRAZILIAN MANGROVE CRABS TO IMPROVE THEIR CONSERVATION AND FISHERIES MANAGEMENT
12:30PM - 1:50PM	<b>GROUP LUNCHEON BUFFET</b>	
<p align="center"><b>Session 4: Macrobenthos and Marine Communities, Part II</b>            Moderator: Martin Zimmer</p>		
<b>1:55PM</b>	<b>Presenter</b>	<b>Abstract Title</b>
2:00PM	Eric Milbrandt	THE BENEFITS OF A MULTIPLE HABITAT RESTORATION STRATEGY BY COMBINING HYDROLOGIC RESTORATION, MANGROVE PROPAGULE PLANTINGS AND OYSTER SUBSTRATE ADDITIONS IN A SEMI-ENCLOSED FLORIDA EMBAYMENT
2:15PM	Marco Fusi	GILL-BACTERIA SYMBIOTIC ASSOCIATIONS IN DUAL-BREATHING ANIMALS LIVING IN MANGROVE ECOSYSTEMS
2:30PM	Jessene Aquino-Thomas	LATITUDE AFFECTS DOMINANCE BY SECONDARY FOUNDATION SPECIES ON RED MANGROVE ( <i>RHIZOPHORA MANGLE</i> ) PROP ROOTS
2:45PM	Richard MacKenzie	UNDERESTIMATING THE ROLE OF LEAF LITTER IN SESARMIID CRAB DIETS: THE IMPORTANCE OF ISOTOPE FRACTIONATION VALUES
3:00PM	Yara Schaeffer-Novelli	RELATIONSHIP BETWEEN THE BIOMASS OF MANGROVE ROOTS AND THE DENSITY OF THE POLYCHAETE SPECIES <i>CAPITELLA SP</i>
3:15PM	Ronald Baker	MARSHES TO MANGROVES: WHAT DO WE REALLY KNOW ABOUT THE FUNCTIONAL VALUES OF TIDAL WETLANDS FOR FISHERY SPECIES?
3:30PM	Carole McIver	STABLE ISOTOPES OF MACROBENTHOS AND FISH IN MANGROVE-FOREST FOOD WEBS OF SHARK RIVER, USA
3:45PM	<b>PM REFRESHMENT BREAK</b>	

**TUESDAY, JULY 19, 2016 (CONT'D)**

**Session 5: Habitat, Distribution and Connectivity**

Moderator: Norman C. Duke

4:10PM	Presenter	Abstract Title
4:15PM	Steven Pennings	VEGETATION REGIME SHIFT IN COASTAL WETLANDS AFFECTS TRAPPING OF WRACK SUBSIDIES FROM SUBTIDAL HABITATS
4:30PM	Matthew Hayes	THE ROLE OF GROUNDWATER ON GROWTH, BIOMASS ALLOCATION AND DECOMPOSITION IN MANGROVE FORESTS
4:45PM	Erin Kiskaddon	TROPHIC FOOD WEB DYNAMICS ACROSS A MANGROVE/UPLAND ECOTONE
5:00PM	Lucy Gillis	MIND THE TRAP: IMPLICATIONS OF THE TRAPPING EFFICIENCY OF <i>AVICENNIA</i> AND <i>RHIZOPHORA</i> ROOTS
5:15PM	Jock Mackenzie	EFFECTS OF SEVERE FLOODING ON ESTUARINE MANGROVES—DISTURBANCE, RESILIENCE AND RESTORATION
5:30PM	Tom Van der Stocken	A MODELING STUDY ON THE ROLE OF DISPERSAL VECTOR INTERACTIONS IN THE POTENTIAL FOR LONG DISTANCE DISPERSAL IN MANGROVES
5:45PM	Kyle Cavanaugh	REGIONAL VARIABILITY IN THE DYNAMICS OF GLOBAL MANGROVE RANGE LIMITS

**Lightning Round #1: Biodiversity, Habitat and Climate Change**

Moderator: Farid Dahdouh-Guebas

6:00 pm - 6:40 pm	Presenter	Abstract Title
6:00 PM	MODERATOR'S INTRODUCTION & TRANSITION	
6:04 PM	Shazia Farzana	EFFECTS OF POLYBROMINATED DIPHENYL ETHERS (BDE-99 AND BDE-209) ON GERMINATION AND GROWTH OF A MANGROVE PLANT, <i>KANDELIA OBOVATA</i>
6:08 PM	Amy Langston	INVESTIGATING TOP-DOWN AND BOTTOM-UP INFLUENCES ON BLACK MANGROVE ( <i>AVICENNIA GERMINANS</i> ) ENCROACHMENT IN FORESTED FRESHWATER ISLANDS ALONG THE BIG BEND COAST OF FLORIDA
6:12 PM	Ed Proffitt	MARSH-MANGROVE INTERACTIONS: SHORT TERM EXPERIMENTAL RESULTS AND LONGER TERM CONSEQUENCES FOR PLOT DOMINANCE
6:16 PM	Jacqueline Raw	IMPORTANCE OF AUTOCHTHONOUS SOURCES FOR GASTROPOD CONSUMERS IN SUBTROPICAL ESTUARINE MANGROVES: A CASE STUDY FROM SOUTH AFRICA
6:20 PM	Judith Klein	TROPHIC INTERACTIONS IN BENTHIC FOOD WEBS OF MANGROVES SUBJECT TO MULTIPLE HUMAN ACTIVITIES
6:24 PM	Nelson Miranda	LITTORARIA (GASTROPODA: LITTORINIDAE) AS BIOINDICATORS OF MANGROVE HEALTH
6:28 PM	Devi Choesin	MANGROVE DISTRIBUTION AND CONDITION IN JAVA, INDONESIA, WITH SPECIAL REFERENCE TO LEUWEUNG SANCANG NATURE RESERVE, WEST JAVA
6:32 PM	Marguerite Toscano	SEA LEVEL RECONSTRUCTIONS FROM THICK MANGROVE PEAT DEPOSITS IN FLORIDA, BELIZE AND PANAMA – AGE AND PALEO ELEVATIONS OF BASAL PEATS VS. CONTINUOUS SAMPLING, AND RELATIONSHIP TO GEOPHYSICAL SEA LEVEL MODELS

6:40PM –8:00PM

**POSTER SESSION 1 & NETWORKING RECEPTION**

**WEDNESDAY, JULY 20, 2016**

7:00AM - 5:00PM

**FIELD TRIP DAY (OPTIONAL)**

THURSDAY, JULY 21, 2016

7:30AM - 6:30PM	<b>Registration Open (Lewis Auditorium Lobby)</b>	
7:30AM - 8:30AM	<b>LIGHT MORNING REFRESHMENTS</b>	
<b>Session 6: Ecophysiology, Biogeochemistry and Sea-Level Rise, Part I</b> Moderator: Yara Schaeffer-Novelli		
8:25AM	<b>Presenter</b>	<b>Abstract Title</b>
8:30AM	Samantha Chapman	MANGROVE ENCROACHMENT INTO MARSHES ALTERS BELOWGROUND ORGANIC MATTER DYNAMICS WITH IMPLICATIONS FOR SURFACE ELEVATION
8:45AM	Andre Rovai	ECOGEOMORPHOLOGY: TOWARDS A UNIFIED FRAMEWORK TO EXPLAIN STRUCTURAL AND FUNCTIONAL PROPERTIES OF MANGROVE ECOSYSTEMS
9:00AM	Krishna Ray	OSMOTIC ADAPTATION IN MANGROVES AND ASSOCIATES—A CHALLENGE FOR DEGRADED MANGROVE ECOSYSTEM
9:15AM	Gordon Anderson	TEN YEARS AFTER: WILMA STORM DEPOSITS' EFFECT ON VERTICAL SOIL ACCRETION IN A COASTAL MANGROVE FOREST (2005-2015), EVERGLADES NATIONAL PARK, FL, USA
9:30AM	Cyril Marchand	MAIN FACTORS DRIVING GHG EMISSIONS FROM MANGROVE SEDIMENTS
9:45AM	Joshua Breithaupt	ASSESSING THE APPLICABILITY OF DIFFERENT TIMESCALES FOR QUANTIFYING COASTAL WETLAND VULNERABILITY TO SEA LEVEL RISE
10:00AM	<b>AM REFRESHMENT BREAK</b>	
<b>Session 7: Ecophysiology, Biogeochemistry and Sea-Level Rise, Part II</b> Moderator: Donna J. Devlin		
10:25AM	<b>Presenter</b>	<b>Abstract Title</b>
10:30AM	John Kominoski	BIOTIC AND ABIOTIC DRIVERS OF CARBON STORAGE DURING MANGROVE ESTABLISHMENT IN SALT AND FRESHWATER MARSH ECOSYSTEMS: A MECHANISTIC FRAMEWORK
10:45AM	Todd Osborne	CARBON BIOGEOCHEMICAL PROCESSES ALONG A MANGROVE-SALTMARSH ECOTONE
11:00AM	Thorsten Balke	WHAT DETERMINES THE SEAWARD LIMIT OF MANGROVE AND SALT-MARSH VEGETATION?
11:15AM	Pierre Taillardat	LATERAL CARBON AND NUTRIENT EXCHANGES IN A LOW LATITUDE MANGROVE TIDAL CREEK: A MULTI-STABLE ISOTOPE APPROACH
11:30AM	Martin Zimmer	ORIGIN OF SEDIMENTARY ORGANIC MATTER AND ITS FATE UPON DECOMPOSITION
11:45AM	Kerrylee Rogers	MANGROVE DISTRIBUTION CHANGES IN AUSTRALIA AND THE VULNERABILITY OF MANGROVE TO SEA-LEVEL RISE
12NOON - 1:20PM	<b>GROUP LUNCHEON BUFFET</b>	
<b>Session 8: Socio-Ecology and Ecosystem Services</b> Moderator: Mark Huxham		
1:25PM	<b>Presenter</b>	<b>Abstract Title</b>
1:30PM	Benjamin Brown	RAPID FEASIBILITY ASSESSMENTS FOR DETERMINING APPROPRIATE MANGROVE RECOVERY INTERVENTIONS AT THE LANDSCAPE SCALE IN INDONESIA
1:45PM	Cheryl Doughty	HOW WILL MANGROVE ENCROACHMENT AND ERODING IMPOUNDMENTS IMPACT COASTAL PROTECTION OF INTERTIDAL WETLANDS IN THE MERRITT ISLAND NATIONAL WILDLIFE REFUGE?
2:00PM	Clare Duncan	BIODIVERSITY INFLUENCES ON MANGROVE FOREST ECOSYSTEM SERVICES DELIVERY
2:15PM	Dan Friess	OIL PALM—A RAPIDLY INCREASING CAUSE OF MANGROVE DEFORESTATION IN SOUTHEAST ASIA
2:30PM	Mohammad Mahmudul Islam	DRIVERS OF CHANGES IN ECOSYSTEM SERVICES OF THE SUNDARBANS MANGROVE ECOSYSTEM IN BANGLADESH
2:45PM	Nguyen Thi Huynh Phuong	AN INVESTIGATION INTO SOCIAL LEARNING DYNAMICS AND CONVERSION TO SUSTAINABLE INTEGRATED MANGROVE SHRIMP FARMING IN BINH DAI DISTRICT, BEN TRE PROVINCE, VIETNAM
3:00PM	Philine zu Ermgassen	MODELLING THE VALUE OF MANGROVE FISHERIES
3:15PM	<b>PM REFRESHMENT BREAK</b>	

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**THURSDAY, JULY 21, 2016 (CONT'D)**

**Session 9: Blue Carbon**

Moderator: Joe Lee

3:40PM	Presenter	Abstract Title
3:45PM	Lola Fatoyinbo	HIGH-RESOLUTION 3-D MAPPING OF FOREST STRUCTURE AND ABOVEGROUND BIOMASS STOCKS IN BLUE CARBON ECOSYSTEMS IN THE AMERICAS, AFRICA AND SOUTH ASIA
4:00PM	Sean Charles	INCREASING MANGROVE DENSITY INCREASES CARBON STORAGE BUT DECREASES SEDIMENT ACCRETION IN COASTAL WETLANDS: EVIDENCE FROM LARGE-SCALE EXPERIMENTAL MANIPULATIONS
4:15PM	Sahadev Sharma	RESTORATION MAY INCREASE CARBON STOCK OF DEGRADED MANGROVE FORESTS ACROSS CAMBODIA
4:30PM	Edward Castaneda	CARBON STORAGE AND SOIL BURIAL RATES IN RIVERINE AND SCRUB MANGROVE FORESTS OF THE FLORIDA COASTAL EVERGLADES, USA
4:45PM	Audrey Leopold	NET ECOSYSTEM CO <sub>2</sub> EXCHANGES BETWEEN A DWARF <i>AVICENNIA MARINA</i> VAR. <i>AUSTRALASICA</i> MANGROVE AND THE ATMOSPHERE: APPLICATION OF THE EDDY-COVARIANCE FLUX TOWER TO "LE COEUR DE VOH" MANGROVE (NEW CALEDONIA)
5:00PM	Sarah Mack	STATUS AND CHALLENGES OF MANGROVES IN CARBON MARKETS
5:15PM	Tim Jennerjahn	BLUE CARBON-RELEVANCE OF THE MANGROVE STOREHOUSE

**Lightning Round #2: Ecosystem Services, Community Structure and Restoration**

Moderator: Daniel A. Friess

5:30 pm - 6:15 pm	Presenter	Abstract Title
5:30 PM	MODERATOR'S INTRODUCTION & TRANSITION	
5:35 PM	Chelsea Barreto	WARMING AND MANGROVE ENCROACHMENT INFLUENCE MARSH MICROBIAL COMMUNITY COMPOSITION
5:39 PM	Alfredo Quarto	GLOBAL PERSPECTIVE ON MANGROVE LOSS, THREATS AND SOLUTIONS
5:43 PM	Katherine Vande Velde	BIODIVERSITY CONSERVATION IN SOCIAL-ECOLOGICAL SYSTEMS: THE LAST(ING) MANGROVES OF SINGAPORE
5:47 PM	Jhoanata Bolivar	ESTIMATION OF CARBON STOCKS IN COLOMBIAN MANGROVES AND ASSOCIATED UNCERTAINTIES
5:51 PM	Derrick Y.F. Lai	EFFECTS OF LAND COVER CHANGE ON SOIL ORGANIC CARBON FRACTIONS IN A SUBTROPICAL MANGROVE WETLAND
5:55 PM	Sandip Kumar Basak	MANGROVE COMMUNITY STRUCTURE ANALYSIS IN WESTERN SUNDARBANS IN INDIA-A GUIDE FOR DESIGNING MANGROVE RESTORATION
5:59 PM	John Paul Kennedy	GENETIC AND MORPHOLOGICAL VARIATION OF EAST FLORIDA BLACK MANGROVE ( <i>AVICENNIA GERMINANS</i> )
6:03 PM	Kayla Marie Castro	A MULTIDISCIPLINARY APPROACH IN ASSESSING TYPHOON-DAMAGED MANGROVE FORESTS IN THE PHILIPPINES
6:07 PM	Emma Asbridge	MANGROVE RESPONSE TO ENVIRONMENTAL CHANGE IN NORTHERN AUSTRALIA
6:15PM – 7:35PM	<b>POSTER SESSION 2 &amp; NETWORKING RECEPTION</b>	

**FRIDAY, JULY 22, 2016**

7:30AM - 3:00PM	<b>Registration Open (Lewis Auditorium Lobby)</b>	
7:30AM - 8:30AM	<b>LIGHT MORNING REFRESHMENTS</b>	
<b>Session 10: Forest and Community Structure, Part I</b> Moderator: Victor Rivera-Monroy		
<b>8:25AM</b>	<b>Presenter</b>	<b>Abstract Title</b>
8:30AM	Neil Saintilan	TROPHIC STRUCTURE OF MANGROVE ECOSYSTEMS IN EASTERN AUSTRALIA AND THE INPUT OF ANTHROPOGENIC N: INSIGHTS FROM STABLE ISOTOPE ANALYSIS
8:45AM	Koji Takayama	GENETIC AND EVOLUTIONARY CONSEQUENCES OF EXTREME LONG-DISTANCE SEED DISPERSAL OF THE MANGROVE GENERA, RHIZOPHORA AND HIBISCUS
9:00AM	Michael Ross	DISTURBANCE, SITE AND VEGETATION FEEDBACKS CREATE LANDSCAPE STRUCTURE IN SOUTH FLORIDA COASTAL WETLANDS
9:15AM	Marilia Cunha-Lignon	INVASIVE SPECIES OF AQUATIC MACROPHYTES AFFECTING MANGROVE FORESTS STRUCTURE AND CONSERVATION IN PROTECTED AREAS
9:30AM	Alison Kim Shan Wee	MANGROVES IN A CHANGING WORLD: FROM POPULATION GENETICS TO ECOLOGICAL GENOMICS
9:45AM	Victor Rivera-Monroy	CANOPY GAP-SIZE NICHE DIFFERENTIATION AND GAP-PHASE REGENERATION AS CRITICAL MECHANISMS TO EXPLAIN FOREST STRUCTURAL AND FUNCTIONAL ATTRIBUTES IN THE EVERGLADES MANGROVE ECOTONE REGION
10:00AM	<b>AM REFRESHMENT BREAK</b>	
<b>Session 11: Forest and Community Structure, Part II</b> Moderator: Uta Berger		
<b>10:25AM</b>	<b>Presenter</b>	<b>Abstract Title</b>
10:30AM	Gustavo Maruyama Mori	WESTERN MANGROVE SPECIES IN FACE OF PAST AND CURRENT CLIMATE CHANGES: A MULTI-DISCIPLINARY APPROACH
10:45AM	Mark Hester	SPATIAL VARIATION IN MANGROVE COMMUNITY ZONATION IN THE LOWER FLORIDA KEYS, USA
11:00AM	Tadashi Kajita	TOWARD THE CONSERVATION GENETICS OF MANGROVES ON A GLOBAL SCALE
11:15AM	Mériadec Sillanpää	MANGROVE REGENERATION IN CONTEXT OF SUSTAINABLE FOREST MANAGEMENT: A WEST PAPUA CASE STUDY
11:30AM	Juliana Vantellingen	DEVELOPING TOOLS FOR SUSTAINABLE MANGROVE FOREST MANAGEMENT IN WEST PAPUA, INDONESIA: ASSESSING SUSTAINABLE HARVEST YIELDS AND REGENERATION STRATEGIES
11:45AM	Marc Simard	GLOBAL TRENDS IN MANGROVE FOREST STRUCTURE
12NOON - 1:20PM	<b>Group Luncheon Buffet</b>	
1:30PM - 2:25PM	<b>Robert Twilley</b> <b>Keynote Presentation</b> <i>Using Ecogeomorphology Models to Scale Global Estimates of Biomass, Productivity and Carbon Dynamics in Mangrove Ecosystems</i>	
<b>Session 12: Restoration, Rehabilitation and Remote Sensing, Part I</b> Moderator: Michael J. Osland		
<b>2:25PM</b>	<b>Presenter</b>	<b>Abstract Title</b>
2:30PM	Norm Duke	MANAGING OIL SPILL IMPACTS ON MANGROVES: SHOULD WE BE CONCERNED?
2:45PM	Uta Berger	FACILITATION AND MANGROVE RESTORATION: CONCEPT, EVIDENCE AND PRACTICES
3:00PM	Mathiventhan Thavanayagam	PRESENT STATUS OF MANGROVE RESTORATION IN BATTICALOA DISTRICT, SRI LANKA: IS IT SUCCESS?
3:15PM	Duncan Hill	EXPLORING THE FULLY-POLARIMETRIC CAPABILITIES OF RADARSAT-2 FOR MONITORING A DEGRADED WHITE MANGROVE ( <i>LAGUNCULARIA RACEMOSA</i> ) FOREST OF THE MEXICAN PACIFIC
3:30PM	Severino III Salmo	A COMPARATIVE ASSESSMENT OF DAMAGES AND REGENERATION PATTERNS BETWEEN PLANTED AND NATURAL MANGROVE STANDS AFTER CATASTROPHIC TYPHOONS IN THE PHILIPPINES
3:45PM	<b>PM REFRESHMENT BREAK</b>	
3:30PM - 5:00PM	<b>Poster &amp; Sponsor Displays Move Out</b>	

See next page

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**FRIDAY, JULY 22, 2016 (CONT'D)**

**Session 13: Restoration, Rehabilitation and Remote Sensing, Part II**

Moderators: C. Edward Proffitt

4:10PM	Presenter	Abstract Title
4:15PM	Dan Peng	RESPONSES OF GROWTH, INTERACTIONS BETWEEN MANGROVES AND <i>SPARTINA ALTERNIFLORA</i> ACROSS TIDAL ELEVATION GRADIENT
4:30PM	Clint Cameron	TOWARDS AN IMPROVED UNDERSTANDING OF CARBON STORAGE, SEQUESTRATION AND GREENHOUSE GAS MITIGATION BENEFITS RESULTING FROM REHABILITATING MANGROVE ECOSYSTEMS IN INDONESIA
4:45PM	Danielle Ogurcak	THE DETECTION OF DISTURBANCE IN THE SOUTHEAST SALINE EVERGLADES AND ITS RELATIONSHIP TO MANGROVE FOREST TRANSGRESSION
5:00PM	Damien Burrows	APPLICATION OF MANGROVEWATCH FOR BROAD-SCALE ASSESSMENT OF MANGROVE CONDITION AND DYNAMICS IN THE TORRES STRAIT – THE NORTHERN-MOST AUSTRALIAN ISLANDS
5:15PM	Farid Dahdouh-Guebas	ISLAND-WIDE COASTAL VULNERABILITY ASSESSMENT OF SRI LANKA REVEALS SAND DUNES, PLANTED TREES AND NATURAL VEGETATION AS POTENTIAL BARRIERS AGAINST OCEAN SURGES
5:30PM	<b>Closing Remarks</b>	
6:00pm	<b>Conference Concludes</b>	