



11TH
SCIENTIFIC
SYMPOSIUM

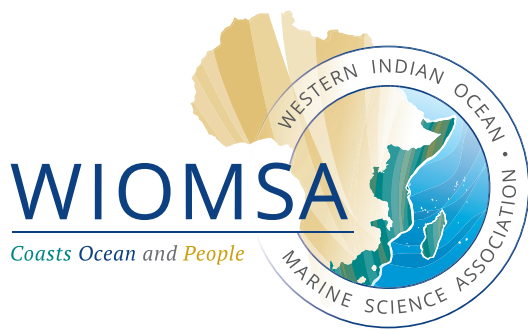
WESTERN INDIAN OCEAN MARINE SCIENCE ASSOCIATION SCIENTIFIC SYMPOSIUM

1st – 6th July 2019
University of Mauritius,
Reduit

SYMPOSIUM PROGRAMME





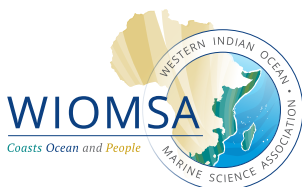


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SPONSORS:



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INTRODUCTION

The Western Indian Ocean Marine Science Association (WIOMSA), the University of Mauritius, Reduit and the Nairobi Convention would like to extend a warm and hearty welcome to all delegates attending the 11th WIOMSA Scientific Symposium. We hope that your stay in Mauritius will be fruitful and enjoyable.

SYMPOSIUM VENUE

WIOMSA's 11th Scientific Symposium will be held at the University of Mauritius, in Reduit. A number of accommodation options are available in Reduit and the surrounding area. Transport will be provided for participants staying in designated symposium hotels.

The opening ceremony and plenary sessions will be held in the Paul Octave Wiehe Auditorium abbreviated as POWA, one of the largest public conference halls in Mauritius which can host up to 550 delegates in a plenary configuration. The parallel sessions and mini-symposiums will be held in Lecture Theatre I and Lecture Theatre II, which can each accommodate 150 delegates, and in Lecture Rooms G1, G2, G3, G4, G5 and G6, which can each accommodate 50-75 delegates in a theatre-style configuration. The posters will be displayed at the Raised Plaza, a covered exhibition area found just outside the Lecture Rooms, next to the New Academic Complex. Exhibits will be displayed in the corridor spaces of the Paul Octave Wiehe Auditorium itself during the whole duration of the Symposium. Stand up tea breaks will be placed inside the Auditorium itself. Lunches will be served seated in a covered marquee of 550 seating capacity. A detailed campus map outlining all the designated spaces is included on page 5.

WHERE TO STAY

A list of designated symposium hotels is available on the symposium website <https://symposium.wiomsa.org/accommodation/>. WIOMSA has negotiated special rates with the listed hotels; please state "WIOMSA conference" when booking your accommodation directly in order to benefit from the special rates. Participants whose accommodation is being covered by WIOMSA will be notified accordingly.

GETTING THERE: TRANSPORT

Shuttles will be organized to pick up delegates on Saturday 29th June 2019 and Sunday 30th June 2019 from Sir Seewoosagur Ramgoolam International Airport to the designated symposium hotels and on Saturday 6th July and Sunday 7th July 2019 to the airport. Timetables for departure days will be posted at the conference notice board next to the conference secretariat desk. The airport is approximately 40 minutes drive from the venue, during low traffic.

Symposium Shuttle Service:

Shuttles will be organized every morning at 7.30am from the surrounding hotels, and back to these hotels at 6.15 pm. There will be no shuttle service outside of these hours.

Alternative transport arrangements

Participants arriving in Mauritius on dates other than 29th and 30th June and departing on dates other than 6th and 7th July 2019 will need to organize and pay for airport shuttle services personally.

Moving Around Mauritius

For moving around the island, taxis are the best option and can be arranged for from the hotels and guest-houses. Designated hotels may also arrange for excursions and sight-seeing tours in buses/coaches. For taxis, most town trips range from Rs 300 to Rs 1000.

ENTRY REQUIREMENTS

Foreigners seeking to enter Mauritius are subject to the following entry requirements:

- A passport or travel document which is valid for not less than six months;
- Nationals of Somalia are required to obtain visas before travelling to Mauritius. Nationals of Comoros and Madagascar will get a two week visa on arrival in Mauritius. Nationals of Mozambique can stay up to sixty days without a visa. All other countries do not need a visa to enter Mauritius
- A return ticket, a letter of invitation and a hotel booking confirmation letter.

HEALTH REQUIREMENTS

Travelers from yellow fever-affected countries require inoculations to enter Mauritius therefore delegates are advised to bring yellow fever vaccination cards. Please consult your physician prior to travel on other health precautions to take before travelling to Mauritius. All participants are advised to get travel and health insurance, the conference organisers will not cover medical costs in the eventuality of illness.

ABOUT MAURITIUS

Mauritius is a tropical island of 1865 km² located in the Indian Ocean 500 miles east of Madagascar. The island nation is world-renowned for its lush, tropical vegetation, sugarcane plantations, impressive mountains, sugar-white beaches, aquamarine lagoons and exotic mix of Indian, African, British, French, and Chinese cultural influence. The country is characterized by a high level of endemism, with 39% of plants, 80% of non-marine birds, 80% of reptiles, and 40% of bat species reported as endemic, as a result of the island's location, age, isolation and varied topography. The marine fauna is extremely rich in variety and comprises a large number of fish, shells, sea-urchins, molluscs and crustaceans. There is a wide range of marine fauna such as rays, eels, game fish, dolphins and a variety of sharks. Mauritius is almost completely encircled by one of the world's finest coral reefs.

Mauritius is a densely populated island of around 1.2 million people. It has a reputation for stability and racial harmony among its mixed population. Mauritius is known as a plural society where all the ethnic groups present: Hindus, Muslims, Creoles, Chinese and Europeans live in peace and where all the ancestral cultures have been preserved. These features make the island a unique place in the world, and Mauritians are known for their tolerance and kindness towards all people. Most Mauritians are bilingual being equally fluent in French and English. English is the official language, but French and Creole are widely spoken. Oriental languages also form part of the linguistic mosaic.

TIME

Mauritius is four hours ahead of Greenwich Mean Time and three hours ahead of mid European Time (3 hours difference during the Mauritian winter time, and 4 hours difference during the summer time).

TAXES

Value Added Tax (VAT), at the rate of 15%, is levied on most goods and services and is included in the display price of most goods. The VAT Refund can be claimed at the MCCI Tax Refund Counter at the airport on the departure date. Visitors have to present their foreign passport, date of departure and flight number, which will be entered on the VAT Paid Supplies To Visitor Claim Form. Only purchases from shops authorised by the Mauritius Revenue Authority (MRA) and registered with the MCCI displaying the "TAX REFUND" sign are entitled for the refund.

CURRENCY

The Mauritian unit of currency is the rupee (Rs), which is divided into 100 cents (c). There are coins of 5, 10, 20, and 50 cents, and 1, 5, 10 and 20 Rupees (Rs). The bank note denominations are in 25, 50, 100, 200, 500, 1000, and 2000 rupees. The exchange rate is USD 1=34 Mauritian rupees.

COMMUNICATION

Mauritius has the following mobile telephone companies: Chilli, Emtel, and MyT. Local sim cards can be purchased at the airport. The symposium venue will have free Wifi services for delegates use.

MAURITIUS TRAVEL ADAPTORS

Mauritius has two associated plug types, C and G. Plug type C is the plug which has two round pins and type G is the plug which has three rectangular pins in a triangular pattern. Mauritius operates on a 230V supply voltage and 50Hz.



TIPPING

Tipping is not compulsory in Mauritius.

THINGS TO DO IN MAURITIUS:

We want to bring to your attention that while in Mauritius, there are amazing opportunities to enjoy the tourist activities that the magical island has to offer. There are a variety of packages available depending on your budget and how much time you can spare. Mauritius has a rich cultural and historical heritage, the vestige of its successive colonizations by the Dutch, French, added to the influence provided by the Indian, African, and Chinese people as they came into the island as workers, making the island a successful “melting pot” of ethnic diversity. The island also has a luxuriant natural heritage and a great diversity of natural fauna and flora, from its rich and endemic inland tropical forests to its idyllic beaches all around the coast. Places worthy of a visit include Sir Seewoosagar Ramgoolam Botanical Garden, Chamarel waterfall, and Seven-Colored Earth, Grand Bassin Sacred Lake, Black River Gorges & Nature Park, Alexandra Falls, Casela Nature Park, Le Morne, and Apravasi Ghat, the latter two sites being UNESCO World Heritage Sites. More information can be obtained from <https://www.tourism-mauritius.mu>. There will be several Tour Operators listed below present at the Symposium venue from the very first day of the conference and participants are invited to liaise directly with the Tour Operators to make their bookings and arrange for transport facilities.

	Tour operator	Trips/Activities offered
1	Mauritius Tours	La Vanille des Mascareignes Nature Park, Port-Louis, Alexandra Falls, Eureka House, Botanical Gardens, Casela Park, St Aubin, Black River Gorges, Chamarel, Grand Bassin, Aapravasi Ghat
2	Mauritours Ltd	Pamplemousses Botanical Gardens, Aquarium, Colonial House, Casela Nature Park, Inland Mauritius, Tea Route, Chamarel Waterfalls and Seven-Colored Earth, Port-Louis shopping, Cultural Day Trips
3	Summer Times	Inland Mauritius, Cycling Tour in the South of Mauritius, Chamarel, Baie du Cap, Eco-Adventure Hiking at Le Morne, Casela Adventure Park, Deep Sea Fishing, Botanical Gardens, Iles aux Aigrettes, Blue BayMarine Park

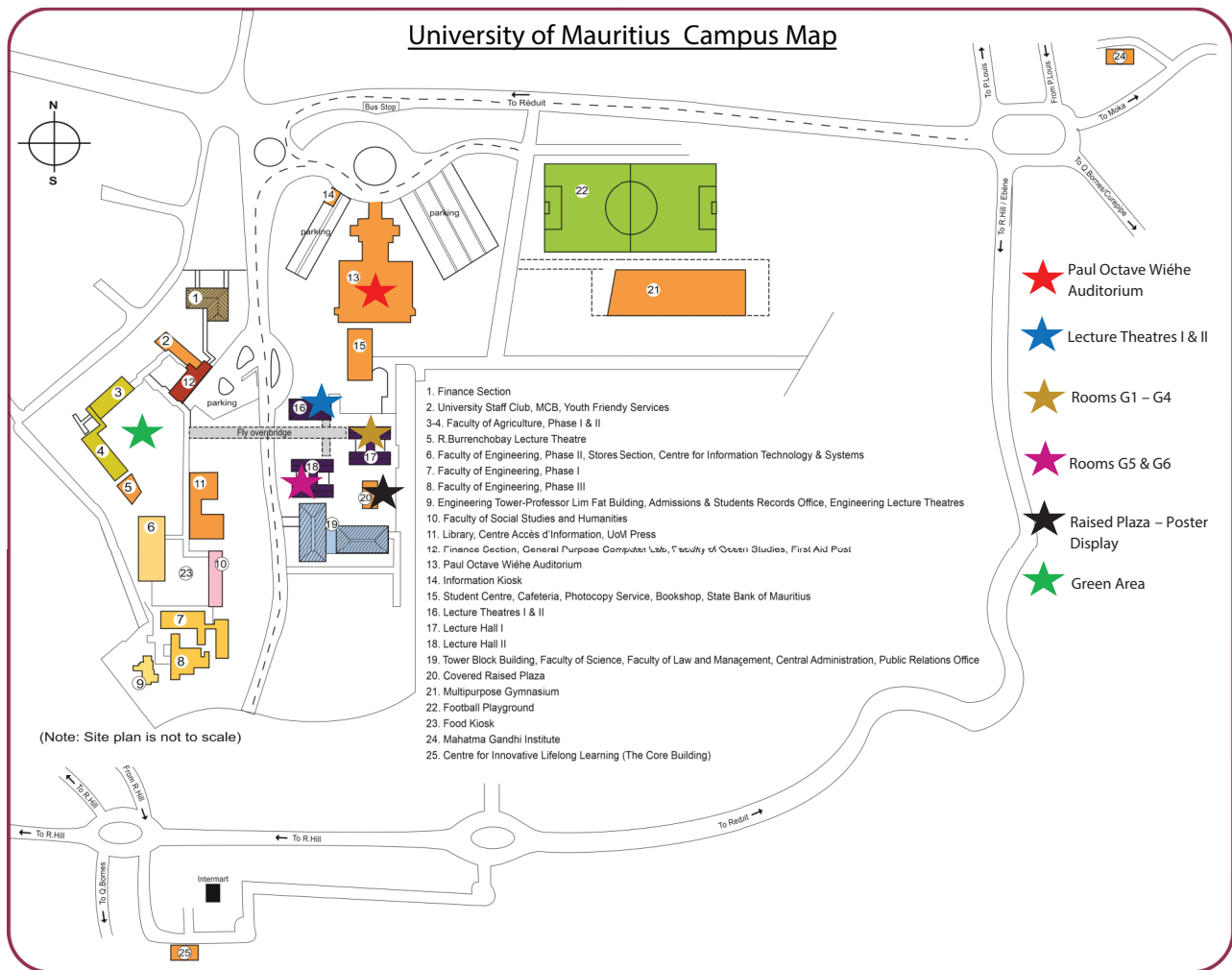
EATING OUT IN MAURITIUS

For those staying in Quatre-Bornes, there are plenty of eating options on St Jean Main Road, including typical Mauritian, Chinese, Indian and European cuisines. The Hotel/Guest House personnel will help in advising and guiding delegates for eating-out options. For those staying in Voila Bagatelle in Reduit, there is a large Food Court in the Bagatelle Mall found adjacent the hotel, serving all sorts of local and international cuisine.

WEATHER IN MAURITIUS IN JULY

During July the average temperature stays around 21°C. The month is characterized by essentially constant daily high temperatures, with daily highs around 23°C to 24°C throughout the month. Occasionally temperatures can exceed 26°C or drop below 21°C (only one day in ten). July officially lies within the cold season, however, it's nothing really to worry about, as the winters here are nothing like what you would experience in most of Europe. Just like the previous three months, July enjoys an average of eight hours of sunshine each day.

SYMPOSIUM ROOM PLAN



ORAL PRESENTATIONS

Oral presentations have been allocated 20 minutes each. Chairpersons will be very strict in time management, so limit your presentations to 15 minutes and allow five minutes for questions, discussions and changeover to the next presenter. Oral presenters are urged to give more time to the objectives of their studies and scientific results obtained rather than to literature review, materials and methods and/or description of the study sites.

All presentations should be handed in at the Secretariat office a day prior to presenting in order to preload presentations thus enabling the smooth running of sessions. The presentations should be sent to Blandina Lugendo (blugendo@wiomsa.org) and Ms Tarryn Newman (wiomsareview@gmail.com).

POSTER PRESENTATIONS

Poster presentations will be held on Monday 1st July to Thursday 4th July 2019 from 1400HRS-1600 HRS. Posters will be displayed throughout the symposium. However, poster presentations will be done thematically, with two or three themes being presented per day. All poster presenters whose themes are being showcased, should be present by their poster as indicated below. Presenters should register their posters with the secretariat on Sunday 30th June 2019 by 1800 HRS or on Monday 1st July 2019 before 0900HRS, during which time presenters will be assigned a number and given an allotted space at the Raised Plaza. Presenters are urged to affix their posters from Saturday afternoon to Monday morning. The dimensions for the posters are A1, that is 594 (Width) x 841 (height) mm; portrait.

Date	Theme
1 July 2019	• Capacity development and outreach • Coastal and marine technologies supporting management • Marine biodiversity and threatened marine species
2 July 2019	• Coastal and marine living resources • Coastal governance and policy
3 July 2019	• Critical habitats • Environmental and climate vulnerability, resilience and adaptation
4 July 2019	• Genetic diversity and connectivity • Human dimension of coastal communities • Physical, metrological and geological process • Pollution: source, fate and social and environmental impacts

EVENTS ASSOCIATED WITH THE SYMPOSIUM

Pre-Symposium Events

A number of events associated with the Symposium have been organized, including

	Event	Venue	Date
1	Women and Ocean Workshop: Implementation of the SSF Guidelines and their gender dimension	Voila Hotel Bagatelle	30 June 2019

Exhibition

Several organizations, programmes, and projects will exhibit during Symposium as follows:

1. Ocean and Lakes, Vrije Universiteit Brussel, Belgium
2. Sustainable Oceans, Livelihoods and food Security Through Increased Capacity in Ecosystem research in the Western Indian Ocean (SOLSTICE-WIO), United Kingdom
3. Leibniz Centre for Tropical Marine Research (ZMT), Germany
4. Terres Australes Et Antarctiques Françaises (TAAF), Reunion
5. Fisheries and Resources Monitoring System (FIRMS)
6. Western Indian Ocean Marine Science Association (WIOMSA)
7. MeerWissen – African-German Partners for Ocean Knowledge, Germany
8. ISIFISH, France
9. Bazaruto Center for Scientific Studies (BCSS), Mozambique
10. The Nature Conservancy
11. Save Our Mangroves, WWF Germany

SPECIAL SESSIONS

FRIDAY 05th JULY 2019

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LT 1		LT 2	G 1	G 2	G 5	G 6
11:00	Stories for the Sea	MeerWissen	Ocean Governance in the WIO	EAF Nansen Programme	Sea Grasses Ecosystem services	Transdisciplinary Research
13:00						
LUNCH BREAK						
14:00	Stories for the Sea	MeerWissen	Ocean Governance in the WIO	EAF Nansen Programme	Sea Grasses Ecosystem services	WIO Young Scientists Network
15:30						
COFFEE/TEA BREAK						
16:00	Stories for the Sea	MeerWissen	Ocean Governance in the WIO	EAF Nansen Programme	Indo Pacific Sea Grass Network	WIO Young Scientists Network
18:00						
END						

G 3		G 4	1.9	1.10	1.1	1.2
11:00	WIO Coral Reef Task Force	Octopus Closures	Strengthen the link between science and society: when kids meet the scientific community	MPAs as a tool for management/ TBCA	GEBCO Seabed 2030 submission	Digitization of cultural heritage
13:00						
LUNCH BREAK						
14:00	WIO Coral Reef Task Force	Octopus Closures		MPAs as a tool for management/ TBCA	GEBCO Seabed 2030 submission	Ocean Modelling
15:30						
COFFEE/TEA BREAK						
16:00	WIO Coral Reef Task Force	Octopus Closures		MPAs as a tool for management/ TBCA	GEBCO Seabed 2030 submission	Ocean Modelling
18:00						
END						

1.3		1.4	1.5	1.6	1.7	1.8
11:00	WIO Mangrove Network	Sharks and Rays	SwioFish	Marine Spatial Planning in the WIO	WIO Turtle Network (session1)	Ocean Acidification-East Africa
13:00						
LUNCH BREAK						
14:00	WIO Mangrove Network	Sharks and Rays	SwioFish	Marine Spatial Planning in the WIO	WIO Turtle Network (session 2)	Ocean Acidification-East Africa
15:30						
LUNCH BREAK						
16:00	Conservation and peoples rights	Sharks and Rays	SwioFish	Marine Spatial Planning in the WIO	WIO Sea Grass Network	Ocean Acidification-East Africa
18:00						
END						

OUTLINE OF ELEVENTH WIOMSA SCIENTIFIC SYMPOSIUM PROGRAMME

Monday, 1 July 2019					
0900	Opening Ceremony Venue: POWA				
1030	COFFEE/TEA BREAK				
	LT 1	LT 2	G 1	G 2	G 5
1100	Stock status assessment	Mangroves: Status and ecosystem services provided	Status of coral reef and services dependent on them	Compounds Isolation and genetic structure	MPA Management
1240	LUNCH (Marquee)				
1400	POSTERS (Raised Plaza)				
1530	COFFEE/TEA BREAK (Stations at POWA)				
MINI-SYMPOSIA					
1600	Satellite Data for Coastal Risk Applications	New Digital Technologies	A socio-ecological approach to fisheries in estuarine systems	Blue Carbon	Conservation of biodiversity in Africa
1740	END				
1900	OPENING RECEPTION				

Tuesday, 2 July 2019					
0900	Two Keynote presentations Venue: POWA				
1030	COFFEE/TEA BREAK				
	LT 1	LT 2	G 1	G 2	G 5
1100	Small-scale fisheries resources: Status, impacts and management options	Mangroves: Impacts and management strategies	Coral reef fish: Status and changes	Genetic structure and connectivity	Primary productivity and fish biomass
1240	LUNCH (Marquee)				
1400	POSTERS (Raised Plaza)				
1530	COFFEE/TEA BREAK (Stations at POWA)				
MINI-SYMPOSIA					
1600	Communicating our Science	Towards Zero Plastics to the Seas	PEACC project	Governance Effectiveness and Perceptions of Fishing Restriction Benefits	Facilitating successful ecosystem restoration in the WIO Region: Practical experiences for shared learning
1740	END				

Wednesday, 3 July 2019					
0900	Two Keynote presentations Venue: POWA				
1030	COFFEE/TEA BREAK				
	LT 1	LT 2	G 1	G 2	G 5
1100	Dugong status and by-catch mitigation	Seagrasses: Status, impacts and management options	Climate change related stressors	Physical models and their applications	Species richness and biodiversity hotspots
1240	LUNCH (Marquee)				
1400	POSTERS (Raised Plaza)				
1530	COFFEE/TEA BREAK (Stations at POWA)				
1600	Involvement of communities in research and management	Carbon stocks and mitigation options	Estuaries and tidal creeks systems: impacts and their governance	Elasmobranchs and marine mammals	Generation of data and its management
1740	END				

Thursday, 4 July 2019					
0900	Two Keynote presentations Venue: POWA				
1030	COFFEE/TEA BREAK				
	LT 1	LT 2	G 1	G 2	G 5
1100	Mariculture and FADs	Pollution: Source, Fate and Social and Environmental Impacts	Endangered species: Marine turtles	Biodiversity assessment for conservation planning	Multidisciplinary research on socio-economic issues
1240	LUNCH (Marquee)				
1400	POSTERS (Raised Plaza)				
1530	COFFEE/TEA BREAK (Stations at POWA)				
1600	Innovative techniques for assessment fisheries resources	Microplastics pollution	Biology of Crustaceans	Socio-ecological factors and resource management	Regional and national ocean governance initiatives
1740	END				
1900	CLOSING RECEPTION				

SCIENTIFIC PROGRAMME

ORAL PRESENTATIONS

MONDAY, 1 JULY 2019

VENUE:

0730	Registration
Opening Ceremony	
0845	Cultural entertainment
0900	Welcoming Remarks by Associate Prof Ranjeet Bhagooli, Chair of Local Organizing Committee
0905	Address by the WIOMSA President, Dr Jacqueline Uku
0915	Address by Sida representative, Prof Lena Gipperth
0925	Address by the Head of Nairobi Convention, Mr Dixon Waruinge
0935	Address by the Secretary General, Indian Ocean Commission, Mr. Madi Hamada
0945	Address by the Pro-Vice Chancellor of Planning & Resources, University of Mauritius, Associate Professor (Dr) Mohammad Issack Santally
0955	Opening Address by the Guest of Honour, the H.E Mr Premdoot Koonjoo, Minister of Ocean Economy, Marine Resources, Fisheries and Shipping
1015	Photo Session
1030	Coffee break

LT 1

Session I: Stock status assessment	
1100	Conand, C.; C. Michel; D. Chamari; F. Stella; G. Rodney; L. Thierry; L. Marc; M. Twalibu; M. Thierry; S. Stanley; Y. Saleh; F. Kim - Fisheries and management of sea cucumbers in the WIO: an update
1120	Everett, B.; S. Fennessy; N. van den Heever - Tracking temporal and spatial patterns in the catch and effort of the South African Crustacean Trawl Fishery
1140	Kadagi, N.; R. Ahrens; N. Wambiji - Are we catching the same billfish? Characterizing competitive interactions between recreational and artisanal fisheries in Kenya
1200	Parker, D.; H. Winker; C. da Silva; S. Kerwath - Fishery Characteristics and Stock Status of Indian Ocean Striped Marlin (<i>Tetrapturus audax</i>) and Black Marlin (<i>Makaira indica</i>)
1220	Roos, D.; D. Pelletier; M. Gaboriau; P. Dupont; E. Sucre; T. Claverie - Monitoring and assessing fish stock status using unbaited remote underwater rotating video: the EPICURE project for knowledge and ecosystem-based management of Geyser coral bank, Mozambique Channel
1400	POSTERS (Raised Plaza)
1600	Mini-symposium 1: D. Cotton (Convener) - Satellite Data for Coastal Risk Applications - building capacity in the South West Indian Ocean

LT 2

Session II: Mangroves: Status and ecosystem services provided	
1100	Antonio, V.; S. Bandeira; C. Macamo; R. Mahanzule - Value Chain Analysis of Mangrove Forests in Central Mozambique: Uses, Stakeholders and Income
1120	Kwilasa, E.; B. Lugendo; M. Mangora; L. Triest - Genetic connectivity within and between landward and seaward habitats of <i>Avicennia marina</i> in the mangrove of East Africa (Kenya and Tanzania)
1140	Oyucho, S.; K. Shilabukha; G. Muga; J. Kairo; S. Bandeira; C. Macamo; R. Mahanzule - Assessment of Community Values for Mangrove Ecosystem Services and their Link to SDG in Vanga, Kenya
1200	Ravelombola, F.; P. Ramanamandimby; S. Nischalke - Mangrove ecosystems importance, dependency, and its conservation for Food Security: case of Southwestern Madagascar (Mangoky Delta)
1220	Wanjiru, C.; M. Huxham; S. Rueckert; I. Nagelkerken - Effects of Habitat Quality in Fish Community Structure of Vanga Mangrove Ecosystem
1400	POSTERS (Raised Plaza)
	Mini-symposium 2: H. Kegler (Convener) New Digital Technologies for Marine Biodiversity Data Handling in East Africa – Data Linking People

G 1

Session III: Status of coral reef and services dependent on them	
1100	Hanekom, T.; S. Porter; M. Schleyer - Physiological responses of South African high-latitude coral communities to global warming
1120	Mouquet, P.; T. Bajjouk; M. Ropert; J. Quod; L. Hoarau; L. Bigot; N. Le Dantec; C. Delacourt; J. Populus - Assessment and monitoring of coral reef using hyperspectral and multispectral data: application to ecological indicator implementation for reef conservation and management
1140	Pennober, G.; P. Rouet ; S. Goutorbe; M. Menguis; J. Machabee; P. Mouquet; L. Massé ; A. Lemahieu. Ten years monitoring of Reunion Island MPA recreational uses
1200	Schleyer, M.; S. Porter; C. Floros; S. Laing; A. Macdonald; P. Montoya-Maya; T. Morris; M. Seré - The Future of High-Latitude Coral Systems: A Review Based on Three Decades of South African Reef Research
1220	Wagner, J. - 30 years of reef monitoring in Mayotte: responses to local and global changes
1400	POSTERS (Raised Plaza)
1600	Mini-symposium 3: J. Groeneveld (Convener) - A socio-ecological approach to fisheries in estuarine systems of the Western Indian Ocean – identifying essential links for improved governance

G 2

Session IV:Compounds Isolation and genetic structure	
1100	Aullybux, A. D. Puchooa; T. Baborun; R. Jeewon - Antibacterial and cytotoxic properties of exopolysaccharides from <i>Alcaligenes</i> and <i>Halomonas</i> species isolated from the marine environment of Mauritius
1120	Mghalu , J.; C. Nyiro - Antifungal Activity of epibiotic bacteria isolated from Kenyan Coastal marine cyanobacterium, <i>Moorea producens</i> against phytopathogenic <i>Rhizoctonia solani</i>
1140	Beesoo, R.; R. Bhagooli; V. Neergheen-Bhujun; W. Wu Li; A. Kagansky; N. Lall; C. Veale; T. Baborun - Mauritius waters as medicinal cabinet: In vitro cytotoxic effects of the sponge <i>Neopetrosia exigua</i> against liver cancer cells
1200	Wambua, S.; H. Gourelé; E. de Villiers; A. Macdonald; E. Bongcam-Rudloff; S. de Villiers. - Coral-reef and Sub-littoral Microbiome Metabarcoding by 16S rRNA Gene Ion Torrent Sequencing
1220	Pearton, D.; G. Jessica; J. Keightly; S. Jackson - The Shell Game: Genetic analysis of Southern African Rock Oysters (<i>Saccostrea</i>) identifies multiple, sympatric, cryptic species
1400	POSTERS (Raised Plaza)
1600	Mini-symposium 4: J. Kairo & M. Gullström (Conveners) - Blue Carbon in the Western Indian Ocean

Session V: MPA Management	
1100	Hardisty, S.; A. De Vos; G. Cumming - Understanding how spatial resilience thinking can help address scale mismatches in marine protected areas: Case study of South African marine policies
1120	Jefwa, T.; I. Gedi; C. Gough; G. Grimsditch; S. Juma; N. Kanyange; J. Maina; K. Maize; M. Mchome; C. Munga; J. Naggea; S. Remy; L. Rogers-Bennett; J. Rubens; J. O'Leary - Unpacking MPA Management: Getting to evidence-based management of Western Indian Ocean MPAs
1140	Katikiro, R. - Partnerships as an approach to enhance conservation outcomes in Marine Protected Areas
1200	Mann, J.; R. Adams; S. Kirkman - What is in it for me? Exploring the social and economic objectives of Marine Protected Areas
1220	Muhl, E-K - Parks and People: Perceptions of Different Stakeholders to Changing MPA Regulations in the Tsitsikamma National Park
1400	POSTERS (Raised Plaza)
1600	Mini-symposium 5: G. David (Conveners) - Conservation of biodiversity in Africa and Aichi biodiversity targets: AMPs by 2020, at least 10 percent of coastal and marine areas, realistic target?

TUESDAY, 2 July 2019
Venue: POWA

0900	Keynote Presentation I: C. GOLDEN - Global Fishery Declines and the Fate of Human Nutrition
0945	Keynote Presentation II: R. SUMAILA - Why Africa should be at the forefront of the fight to eliminate harmful subsidies at the WTO

LT 1

Session VI: Small-scale fisheries resources: Status, impacts and management options	
1100	Chande, M.; Y. Mgaya; B. Benno. - The influence of environmental variables on the abundance and temporal distribution of <i>Octopus cyanea</i> around Mafia Island, Tanzania
1120	Jesse, K.; T. McClanahan - Outcomes of investing and disinvesting in natural fisheries capital in artisanal reef fisheries
1140	Okemwa, G.; G. Maina; E. Kimani; K. Karama; C. Aura; J. Ochiewo; F. Munyi; H. Owiti; E. Waiyaki; C. Munga; E. Mueni; M. Barabara; S. Komu; H. Yussuf; J. King - A multifaceted approach to tackling damaging fishing practices in Kenya's coastal waters
1200	Ranaivoson, B.N.J.; G. Pennober; P. Valade; M. Robin; P. Rouet; C. Revilion - Mangrove characterization and crab (<i>Scylla serrata</i>) productivity estimation using spatial tools: the case of three West Malagasy mangroves
1220	Robinson, J.; S. Wilson; J. Robinson; C. Gerry; J. Lucas; C. Assan; R. Govinden; S. Jennings; N.Graham - The changing structure and productivity of artisanal fisheries in Seychelles
1400	POSTERS (Raised Plaza)
1600	Mini-symposium 6: J. Mann, K. Van Puyvelde & D. Di Nitto (Conveners) - Communicating our Science to become better agents of change in marine conservation

LT 2

Session VII: Mangroves: Impacts and management strategies	
1100	Balidy, H.; S. Bandeira; C. Macamo; M. Mechisso; J. Laissone - Community-Based Mangrove Restoration: the Cases of the Limpopo Estuary and Quelimane Municipality
1120	Lugendo, B.; I. Kimirei - The Effectiveness of Different Components of Mangrove Ecosystems in Ascertaining the Nutrient Pollution Status of Mangrove Habitats
1140	Muriuki, A.; J. Kanya; N. Gichuki; J. Kairo - Use of Improved Cooking Stoves for Emission Reductions and Conservation of Mangrove Forests in Kenya
1200	Ramboatiana, N.; T. Razafindrianilana; P. Ramanamandimby; H. Rakotomalala; M. Randrianirina; H. Rakotondrazafy; A. Ratovoson - Ranking mangrove ecosystems degradation drivers in Northwestern Madagascar: Case of Bay of Ambaro
1220	Kairu, A.W.; R. Mbeche; K. Kotut; J.G. Kairo. Evolution of forest policies and their implications on mangrove management in Kenya
1400	POSTERS (Raised Plaza)
1600	Mini-symposium 7: T. Ribbink (convener) - Towards Zero Plastics to the Seas of the Western Indian Ocean

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Session VIII: Coral reef fish: Status and changes	
1100	Ebrahim, A.; J. Bijoux; P. Mumby; A. Olds; I. Tibbetts - Reef features, not marine reserves, shape the distribution of herbivorous fishes on coral reefs in the Seychelles
1120	Eggertsen, L.; T. Mendes; C. Ferreira; C. Berkstrom - Functional diversity of reef fish in seagrass, mangroves and among reefs: implications for conservation management
1140	Hammou, J.; T. McClanahan; D. Mouillot; N. Graham - Functional changes in coral reef fish over time in Kenyan MPAs: application of an evidence-based trait selection approach
1200	Samoilys, M.; R. Roche; K. Osuka; A. Halford; D. Obura; M. Gudka; J. Mbugua; G. Rowlands; L. Alvarez-Filip - Fish as indicators of biodiversity change in coral reefs
1220	Behivoke, F.; M. Pierre Etienne; M. Léopold; R. Randriantsara; J. Guitton; E. Ranaivoson. - Estimating effective fishing effort in coral reef fisheries using fine-scale GPS tracking
1400	POSTERS (Raised Plaza)
1600	Mini-symposium 8: I. Halo, S. Mahongo and M. García-Reyes (Conveners) PEACC project - A synthesis of new Knowledge, Key achievements and Reflections for future interdisciplinary research in the WIO region

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Session IX: Genetic structure and connectivity	
1100	Ikinya, W.; F. Huyghe; M. Kochzius - Genetic population structure of the small giant clam <i>Tridacna maxima</i> in the Western Indian Ocean and Red Sea
1120	<i>Nielsen, E.; M. Beger; R. Henriques; S. von der Heyden - Inferring evolutionary significant areas from patterns of climatic stability and genetic diversity</i>
1140	Jaonalison, H.; J-D. Durand; J. Mahafina; L.R. Raharinaivo; D. Ponton. How DNA Barcoding can enhance our knowledge about fish biodiversity in Madagascar
1200	Samaai, T.; S. Kirkman; D. Yemane; L. Janson; M. Fester - Patterns of species richness and biodiversity hotspots of sponges in the Benguela and Agulhas Somali Current Large Marine Ecosystem: Its importance for bioregionalisation and conservation planning
1220	Victorero, L.; J. Delavenne; B. Leroy; S. Samadi - The role of the Mozambique Channel on the biogeography of the Indo-Pacific Ocean
1400	POSTERS (Raised Plaza)
1600	Mini-symposium 9: T. McClanahan (Convener) - Governance Effectiveness and Perceptions of Fishing Restriction Benefits in East African Reef Fisheries

Session X: Primary productivity and fish biomass	
1100	Huggett, J.; N. Msweli; T. Morris; D. Walker; T. Bornman; S. Fawcett; J. Hermes - Zooplankton variability across the Agulhas Current
1120	Naik, S.; A. Anil - Influence of darkness on pigments of <i>Tetraselmis indica</i> (Chlorodendrophyceae, Chlorophyta)
1140	Senkondo, E.; D. Raitos; F. Jebri; Y. Shaghude; E. Popova - Remotely sensing the seasonal variability of chlorophyll-a in Tanzanian coastal waters
1200	Soondur, M.; D. Kaullysing; R. Bhagooli; R. Boojhawon; R. Lowe. - Micro-phytoplankton and estimated net primary productivity variations around Mauritius Island: implications for sustainable fisheries
1220	Oddenyo, R.; T. McClanahan; N. Graham; A. Friedlander. - Coral Reef Fish Biomass in the Western Indian Ocean: Modelling of Baselines to Establish Status
1400	POSTERS (Raised Plaza)
1600	Mini-symposium 10: J. Bosire (Convener) - Facilitating successful ecosystem restoration in the WIO Region: Practical experiences for shared learning

WEDNESDAY, 3 July 2019**Venue: POWA**

0815	Special Event 1: IRD/WIOMSA – MOZALINK Video
0900	Keynote Presentation III: J-L. WEBER - Towards Ecological Stewardship Based on Ecosystem Natural Capital Accounting
0945	Keynote Presentation IV: V.N. ATTRI - Sustainable and Inclusive Blue Economy Paradigm: Developments at Global, Regional and National Level

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Session XI: Dugong status and by-catch mitigation	
1100	Taju, A. - Population size and distribution of dugongs in the Bazaruto Archipelago region, Mozambique coast
1120	Wambiji, N.; N. Kadagi - Can circle hooks mitigate bycatch of marine megafauna? A case study of Kenyan artisanal handline and longline fisheries
1140	Fennessy, S.; B. Everett; E. Kimani; N. Wambiji; R. Anam; M. Nalovic - Progress towards implementation of Turtle Excluder Devices in the WIO
1200	Berggren, P.; A. Temple; S. Fennessy; N. Jiddawi; C. Poonian; S. Stead; J. Kiszka; S. Jorge; E. Kimani; N. Wambiji - BY-Catch Assessment and Mitigation in Western Indian Ocean Fisheries (BYCAM)
1220	Kakai, T. - Assessing the Effectiveness of Led Lights in Reduction of Sea Turtle Bycatch and Mortality in Artisanal Gillnet Fishery – A Case Study in the North Coast of Kenya
1400	POSTERS (Raised Plaza)
Session XII: Involvement of communities in research and management	
1600	Huet, J.; M. Daide; S. Rosendo. - Itinerant fishers in northern Mozambique and implications for community-based fisheries management
1620	Kareko, J.; N. Kanyange; M. Izaava. - Towards Establishment of Small-scale Fisheries Coastal-Marine Joint Co-management Areas in Kenya
1640	Kimanga, F.; J. Ochiwo; F. Munyi; E. Waiyaki; A. Richard. - Socioeconomic assessment of the impact of coral rehabilitation in Wasini, Kwale County, Kenya
1700	Macamo, C.; O. Bandeira; J. Adams; H. Balidy; F. Inácio. - Mangrove community-based management in Eastern Africa: experiences from rural Mozambique
1720	Omukoto, J.; J. Manyala; C. Munga; L. Mwasi. - Co-management roles perceptions, fishers' aspirations and the implications on coastal small scale fisheries governance in Kenya

Session XIII: Seagrasses: Status, impacts and management options	
1100	Chiriko, A.; E. Aller; J. Eklöf - Additive effects of marine protected areas and land-use on inter- and intraspecific trait variability in tropical seagrass assemblages
1120	Daudi, L.; J. Uku; M. De Troch. - Implications of meadow structural alteration on associated epiphytic fauna in Kenyan seagrass meadows
1140	Mabuto, M.; M. Cuambe; S. Chitará; N. Zandamela; V. António; A. Murrube; D. Cossa; M. Scarlett; S. Bandeira - Response of Seagrass <i>Zostera capensis</i> to physical disturbance (clam collection) and evaluation of replanting experiment using plug method
1200	Pike, F.; J. Eklöf; B. Jones; N. Jiddawi; R. Unsworth; L. Cullen-Unsworth; M. de la Torre-Castro; L. Mtwana Nordlund - Social-ecological domains of the seagrass-associated invertebrate gleaning fishery in Zanzibar, Tanzania
1220	Rakotoarimino, L.; M. Ramiandrisoa; P. Davis. - Using incentivized Environmental Stewardship to conserve dugongs and seagrass habitat at an identified national hotspot
1400	POSTERS (Raised Plaza)
Session XIV: Carbon stocks and mitigation options	
1600	Dajka, J-C.; V. Beasley; G. Gendron; J. Barlow; N. Graham - Weakening macroalgal feedbacks by shading to assist coral recovery
1620	Gabriel J.; A. Magana; M. Njoroge; J. Kairo - Seagrass Carbon Stocks in Mangrove Fringed Creeks of Gazi Bay, Kenya
1640	Matuta, M.; J. Kairo; B. Kirui - Soil Organic Carbon in the Mangrove Forests of Lamu, Kenya
1700	Mbatha, A.; M. Githaiga; K. Kotut; J. Kairo. - Vegetation Carbon Stocks of the Mangrove Forests of Lamu County, Kenya
1720	Mohamed, A.; N. Koedam; J. Kairo - Seagrass Mapping in Gazi Bay Kenya

Session XV: Climate change related stressors	
1100	Bhagooli, R.; G. Philippart; N. Taleb-Hossenkhan; S. Jeetun; A.S. Virassamy; A. Gopeechund; M. Soondur; J-F. Flot; T. Lajeunesse. - Characterising Stylophora from Mauritius and their photo-physiological responses to heat stress
1120	Duncan, M.; N. James; A. Bates; W. Potts - Considering "Ocean Weather" will improve predicting the effects of climate change on marine biodiversity
1140	Hoarau, L.; P. Mouquet; S. Bonhommeau; A. Cu villier; L. Bigot; L. Massé; T. Bajjouk - Sea level drop: extreme tide event affects corals and benthic organisms on the reef flats of Reunion Island in the South West Indian Ocean
1200	Louis, Y.; R. Bhagooli; D. Seveso; P. Galli; M. Vai; S. Dyall. - Differential expression of hsp70 gene and Hsp70 protein in populations of the staghorn coral <i>Acropora muricata</i> with different bleaching susceptibilities
1220	Macdonald, A.; C. Onyango. - A biochemical index to assess response to heat stress and bleaching in two coral holobionts of varying resilience in the KwaZulu-Natal Coast, Durban
1400	POSTERS (Raised Plaza)
Session XVI: Estuaries and tidal creeks systems: impacts and their governance	
1600	McKelvey, B.; F. MacKay - Remote sensing for the quantification of sand mining activities affecting estuaries in KwaZulu-Natal: Preliminary results
1620	Mgaya, Y.D.; Y.W. Shaghude; D.S. Mukaka; M. Kishida; M. Sakaguchi. Ecological and Oceanographic Characteristics of a Meandering Tidal Creek, the Sudi Creek, Southern Tanzania Mainland
1640	Newman. B.; K. Ramparsad. - Interpreting metal concentrations in sediment: a practical lesson on pitfalls of some approaches
1700	Pitiri, G.; E. Makule; A. Matemu. - Assessment of heavy metals and pesticide residue in prawns, water and sediments along the Indian Coastline of Tanzania
1720	Wayayi, V.; E. Okuku; B. Ohowa. - Persistent organochlorine pesticide and PCB residues in surface sediments of selected estuaries in Kenya

Session XVII: Physical processes and modelling	
1100	Bailey D. - A performance assessment approach for a regional ocean model of the south eastern coast of South Africa
1120	Becker, A.; C. Sams; S. Groom; C. Brockmann; K. Stelzer; S. Salama; T. Kutser; M. Dobson; M. Kossida; V. Byfield. - ESA EO4SD Marine & Coastal Resources Management - increasing the uptake of EO-derived information in sustainable development
1140	Braby, L.; B. Backeberg; M. Krug; C. Reason. - Towards understanding the impact of changing wind stress on simulated Agulhas Current source region eddies in HYCOM
1200	Ogega, O.; M. Mistry. - The future of east Africa's coastal cities in a changing climate: a case of Mombasa, Kenya
1220	Reason, C.; D. Mawren. - Modelling tidal effects in the Mozambique Channel and implications for tropical cyclones
1400	POSTERS (Raised Plaza)
Session XVIII: Elasmobranchs and marine mammals	
1600	Barra, T.; L. Hoarau; M. Dalleau; S. Delaspre; A. Landes; L. Bejder. - Unoccupied aerial vehicles and underwater observations reveal agonistic behaviors by humpback whales toward whale-watching in Réunion island
1620	Bennett, R.; A. Bräutigam; M. Bürgener; A. Clausen; J. Kiszka; C. Razafindrakoto; A. Bladon; R. Leeney; N. Okes; R. Ranaivoson; N. Muthiga; R. Oddenyo; C. Birrell; A. Bernard; S. Markes; M. Markovina; M. Kasuga; D. Beuningen. - Improving shark and ray conservation and management in the Western Indian Ocean through a collaborative regional process
1640	Beuningen, D.; R. Bennett. - Gaps in our knowledge of threatened shark and ray species in the Western Indian Ocean
1700	Klein, J.; A. Bester-van der Merwe; M. Dicken; K. Mmonwa; P. Teske. - Reproductive philopatry and site fidelity of the raggedtooth shark <i>Carcharias taurus</i> in South Africa
1720	Markovina, M.; A. Abdullah; S. Markes; S. Fakihi; M. Kasuga; T. Davenport; R. Bennett; I. Salum; B. Kuguru. - Market and catch surveys to inform policy development for management of chondrichthyans in the United Republic of Tanzania

Session XIX: Species richness and biodiversity hotspots	
1100	Czachur, M.; S. Creer; G. Carvalho; M. Seymour; S. von der Heyden. - A rapid biomonitoring method: Using environmental DNA to characterise coastal fish biodiversity in South Africa
1120	Dunga, V.L.; J. Bolton; K. Sink; M. Luck-Vogel; M. Rothman, L. Blamey; S. Sibanda. Victor Dunga - Mapping to assess ecosystem threat status of South Africa's subtidal seaweed ecosystems
1140	Harris, J.; M. Samoilys; R. Palmer; A. Bernard; L. Woodall; N. Rasoanandrasana; I. Mohammed-Tohir - Building knowledge of marine benthic biodiversity and fish in Comoros Archipelago to support improved capacity and support for conservation action
1200	Mvula, P.; A. Macdonald; M. Pfaff. - Biodiversity monitoring for rocky shores in KwaZulu-Natal, South Africa
1220	Nyawo, M.; A. Bernard; T. Livingstone. - Do submarine canyons influence the diversity and structure of benthic fish assemblages occurring on the continental shelf edge?
1400	POSTERS (Raised Plaza)
Session XX: Generation of data and its management	
1600	Barde, J.; S. Bonhommeau; S. Poulain; B. Motah; P. Bresnahan; T. Cyronak; E. Chassot; B. M��rigot - Citizen science: Riding the wave of data in coral reef ecosystems
1620	Celliers, L.; N. Fourie; J. Francis. - Sharing is caring for the WIO: data governance and management practices of the region
1640	Gulekana, M. - Lessons learnt from coordinating and organising a successful multi-disciplinary research cruise - 2017 IIOE-2 African Regional Training cruise as an "ex-sample"
1700	Isabelle G.; A. Fortuin; N. Schermbrucker; T. Mtontsi; C. Smith; M. van Rensburg; M. Pfaff. - Youth citizen science on the rocks: the LIMPET marine monitoring programme
1720	Mbugua, J.; D. Obura; K. Osuka; M. Samoilys. - Improving marine data accessibility and use in the Western Indian Ocean

THURSDAY, 4 July 2019
Venue: POWA

0830	Special Event 2: Special Presentation on: WIO Journal of Marine Science & Exercises in Marine Biodiversity and Ecology: a training manual for the Western Indian Ocean
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0900	Keynote Presentation V: N. GRAHAM - Lessons from coral reef devastation, reorganisation, and recovery
0945	Keynote Presentation VI: S. DUPONT - A taste of Ocean Acidification

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Session XXI: Mariculture and FADs	
1100	Capello, M.; Y. Baidai; G. Pérez; M. Travassos; F. Forget; L. Dagorn. - Using FADs as scientific platforms to study the ecology of pelagic fish species with implications for fisheries management
1120	Kimathi, A.; J. Wakibia; M. Gichua. - Growth rates of Eucheumoids (Rhodophyta; Gigartinales) cultured using modified off-bottom and floating raft techniques in the Kenyan coast
1140	Kuehnhold, H.; N. Steinmann; Y. Huang; A. Meyer; A. Kunzmann. - Temperature-dependent aerobic scope and Hsp70 expression in the sea cucumber <i>Holothuria scabra</i>
1200	Robinson, G.; W. Reid; A. Nelson; C. Jones; S. Rushton; S. Stead; G. Caldwell. - The Microbiome is the Nexus Between Sediment Bioremediation and Deposit Feeder Growth
1220	Rodrigues, A.; R. Rocha; J. Huet; A. Costa; P. Bem-Haja; I. Silva; H. de Almeida; S. Amada; A. Soares; H. Koldewey; A. Pinto. - Viability study of <i>Pinctada cf. margaritifera</i> community-based aquaculture in Quiwia, northern Mozambique, Our Sea Our Life project
1400	POSTERS (Raised Plaza)
Session XXII: Innovative techniques for assessment fisheries resources	
1600	Léopold, M.; R. Govinden; J. Caquelard; A. Ebrahim; P. Bach. - Estimating sea cucumber resource abundance in Seychelles using fishery-dependent data
1620	Lindkvist, E.; N. Wijermans; T. Daw; B. Gonzalez-Mon; A. Gíron-Nava; A. Johnson; I. van Putten; X. Basurto. - Navigating complexities: Agent-based modeling to support research, governance and management in small-scale fisheries
1640	Sidat, N.J.; J. Siteo; S. Fernando; A. Uetimane; E. Morais; P. Marques; I.M. da Silva; F. Joaquim, H. Costa, J. Bampton, R. Bennett. Using small scale fisheries landing site surveys to support conservation and management of sharks and rays in Mozambique
1700	Urbina-Barreto, I.; R. Pinel; V. Mahamadaly; S. Elise; M. Facon; S. Bureau; R. Garnier; L. Penin; M. Adjeroud. Photogrammetric three-dimensional modeling as a promising tool for characterization and management of coral reef ecosystems
1720	Vaughan, E.; N. Graham; P. Wynn; S. Wilson; G. Williams; P. Barker. - Determining the precision and cost-effectiveness of bioindicators for capturing nutrient regimes on coral reefs around the Inner Seychelles Islands

Session XXIII: Pollution: Source, Fate and Social and Environmental Impacts	
1100	Okello, C.; M. Owuor; N. Oduor; A. Tuda; G. Outa. - Adaptive Management to Coral Reef Systems in Kenya: Addressing Pollution Problems
1120	Porter, S.; M. Humphries; A. Buah-Kwofie; M. Schleyer. - Accumulation of organochlorine pesticides in reef organisms from marginal coral reefs in South Africa and links with coastal groundwater
1140	Adeleke, B. ; D. Robertson-Andersson; G. Moodley. - The combined effects of near-future coastal acidification and varying concentrations of heavy metals in <i>Dotilla fenestrata</i> (sand bubbler crab) in Durban harbour, Richards Bay harbour and Mlalazi estuary, South Africa
1200	Kachungwa, J. - Acetylcholinesterase Activity and Oxidative Stress Biomarkers in <i>Austruca occidentalis</i> from Mangroves of the Coast Of Dar es Salaam, Tanzania
1220	Okuku, E.; V. Wayayi; L. Kiteresi; G. Owato; C. Mwalugha - Survey of sediment contamination by Polonium (210Po) in three peri-urban creeks of Mombasa, Kenya
1400	POSTERS (Raised Plaza)
Session XXIV: Microplastics pollution	
1600	Bouwman, H.; R. Yive; C. Verster; D. Dalcos . - Plastics associated with birds from St. Brandon's, Mauritius, Western Indian Ocean
1620	Fourie, A.; A. Ribbink; A. Asimakopulos; M. Ardelan. - A first look at South African oyster microplastic toxicity
1640	Lwalaye, O.; G. Moodley; D. Robertson-Andersson. - Impacts of Increasing Temperature and Microplastic Concentration on Microplastics Ingestion in Marine Invertebrates
1700	Seeruttun, L.; C. Appadoo. - A pioneer assessment of microplastics in selected coastal mangrove forests of Mauritius
1720	Thibault, M.; L. Hoarau; C. Jean; E. Cordier; L. Lebreton; M. Barret; S. Ciccione; M. Dalleau. - Macroplastics ingested by loggerhead sea turtles in the South West Indian Ocean: What are they and where do they come from?

Session XXV: Endangered species: Marine turtles	
1100	Obare, F. - Anthropogenic and Biophysical Factors Influencing the Nesting Choice of the Green Turtle (<i>Chelonia mydas</i> , Linnaeus, 1759) Along the Kenyan Coast
1120	Mortimer, J.; N. Esteban; A. Guzman; G. Hays. - Importance of Chagos Archipelago sea turtle nesting populations to the wider Southwest Indian Ocean (SWIO) region
1140	Nel, R. - South Western Indian Ocean leatherback turtles: candidate environmental refugees or not?
1200	Nolte, C.; R. Nel; M. Pfaff; A. de Lecea. - Neritic and oceanic foraging habitats for nesting loggerhead (<i>Caretta caretta</i>) sea turtles: Evidence from epibiont community composition and stable isotope analysis
1220	Van der Schyff, V.; M. du Preez; R. Nel; H. Bouwman. - Organochlorine pollutants in loggerhead- and leatherback sea turtle eggs from the Indian Ocean coast of South Africa
1400	POSTERS (Raised Plaza)
Session XXIV: Biology of crustaceans	
1600	De Abreu, D.; A. Vetina; J. Matsombe; K. da Conceição; C. Verão; A. Macia; P. Moksnes. - Assessment of factors affecting juvenile penaeid shrimp distribution in nearshore nursery areas in Maputo Bay reveals substantial variation in habitat use
1620	Govender, A.; J. Groeneveld; S. Singh; S. Willows-Munro. - The design and testing of mini-barcode markers in marine lobsters
1640	Mugabe, E.; A. Bambo; E. Morais. - Population structure and biology of the exotic shrimp <i>Parapenaeopsis sculptilis</i> (Heller 1862), from Zalala Fishing Centre in Zambézia, Mozambique
1700	Ratsimbazafy, H.; C. Rumisha; M. Kochzius. - Tiger prawns' stock identification across the Indo-West Pacific and implication for the WIO fishery
1720	Singh, S.; J. Groeneveld; M. Hart-Davis; B. Backeberg; S. Willows-Munro. - Seascape genetics of the spiny lobster <i>Panulirus homarus</i> in the Western Indian Ocean

Session XXVII: Biodiversity assessment for conservation planning	
1100	Blamey, L.; N. Bodin; R. Walton; U. Bristol; R. Govinden; S. Talma. - Past, present, future: an overview of marine research and biodiversity status in Seychelles
1120	Harris, L.; A. Skowno; L. van Niekerk; K. Sink; M. Bessinger; A. Dayaram; S. Holness; S. Kirkman; T. Livingstone; A. Lombard; M. Lück-Vogel. - Advancing land-sea integration for ecologically meaningful coastal conservation and management
1140	Mabotja, M.; S. Harris; S. Weerts. - The larval fish biodiversity in relation to biozones off the KwaZulu-Natal coast, South Africa: Biodiversity surrogates for marine pelagic conservation planning
1200	Sibanda, M.; K. Sink; A. Skowno. - Protection Level Analysis of Marine Ecosystems in South Africa
1220	Sink, K.; L. Harris; T. Livingstone; S. Kirkman; L. Van Niekerk; S. Holness. - Identifying Critical Biodiversity Areas to support Marine Spatial Planning and Marine Protected Area Expansion in South Africa
1400	POSTERS (Raised Plaza)
Session XXVIII: Socio-ecological factors and resource management	
1600	Coals, L.; L. Nordlund; M. Mills; N. Jiddawi. - Women in fisheries: Importance of considering seasonal changes and social adaptive capacity for sustainable fisheries development
1620	Heckendorn, K.; W. Sauer; S. Aswani; I. da Silva; A. Bernard. - Fishers' decisions and willingness to change in three communities around Pemba Bay, Mozambique
1640	Jean H.; D. Di Nitto; F. Dahdouh-Guebas; T. Van der Stocken; N. Koedam - Murky mangroves and catchy corals – Does ecosystem attractiveness influence conservation action?
1700	Osuka, K.; S. Rosendo; M. Samoilys; M. Riddell. - Applying a social-ecological systems approach to understanding local marine management trajectories in northern Mozambique
1720	Woodhead, A.; N. Graham; A. Norström; G. Williams; C. Hicks. - Trap fishers' perception of changes in coral reef ecosystem services

Session XXIX: Multidisciplinary research on socio-economic issues	
1100	Dale, S.; R. Kramer; J.M. Harris; S. Paruk. Creating a Blue Port: Building ecological resilience and addressing youth unemployment in Durban Bay
1120	Dalleau, M.; L. Hoarau; S. Delaspre; T. Barra; A. Landes. - Towards a sustainable whale watching in Reunion island: assessing and mitigating humpback whale tourism disturbance
1140	Hicks, C.; P. Cohen; N. Graham; M. MacNeil; K. Nash; E. Allison; C. Lima; D. Mills; M. Roscher; S. Thilsted; A. Thorne-Lyman. - Harnessing fisheries to tackle micronutrient deficiencies
1200	Molelu, O.; B. Enserink; L. Celliers; C. Sutherland. - Shape shifting as a compulsory superpower for sustainable port-city development in Durban, South Africa
1220	O'Neill, L.D.; B. Crona; A. Ferrer; R. Pomeroy; N. Jiddawi. - Who benefits from seafood trade? A comparison of social and market structures in small-scale fisheries
1400	POSTERS (Raised Plaza)
Session XXX: Regional and national ocean governance initiatives	
1600	Gudka, M.; L. Ojwang; D. Obura; R. Mabwa; J. Mbugua; C. Obota; M. Bendera; N. Jiddawi; J. Komakoma; G. Maina; J. Moroa; H. Moumin; E. Mueni; G. Okemwa; E. Schemmel; A. Simtoe; N. Wambiji; L. West. - Testing the applicability of the Ocean Health Index framework as a tool to support ocean governance in the WIO: The case of Kenya and Tanzania
1620	Moore, L.; S. Brooks. - Taking the pulse of integrated coastal management: unpacking the experiences and worldviews of integrated coastal management role-players in the Western Cape
1640	Obura, D.; S. Owen; V. Bourquin; I. Chrisostomides; N. Deckert; M. Gudka; A. Jumbe; A. Ogada; L. Ojwang; H. Ralison; M. Samoilys; P. Scheren. - Scenarios for a sustainable blue economy for east and southern African countries
1700	O'leary, J.; G. Maina; N. Kanyange; A. Wamukota. - Readiness of Kenya's coastal communities for Marine Spatial Planning
1720	Schutter, M.; C. Hicks. - Networking the Blue Economy in Seychelles: Pioneers, Resistance, and the Power of Influence

FRIDAY, 5 July 2019
Venue: POWA

0900	Keynote Presentation VII: C.E. Nauen - Gender and Ocean – recognition of women's roles in fisheries as a building block for sustainable living with the ocean
0945	Presentation of summary recommendations

SPECIAL SESSIONS (from 1100 -1800)

(Details on page 8)

POSTERS

Capacity development and outreach

1. Becker, A.; D. Cotton; C. Sams; H. Razafindrainibe. Coastal Risk Information Service – Monitoring and Evaluation of project impact.
2. Chapman, N.; J. Harris; S. Newton. Ocean Stewards Initiative – incubating young ambassadors for marine conservation research and management.
3. Collinson, T. Documenting LMMAs in the SWIO. Implications for conservation.
4. Cotton, D.; A. Becker; E. Ash; A. Hibbert; V. Byfield; G. Foti; C. Maueua; F. Nehama; H. Razafindrainibe; L. Randriamarolaza. Building Capacity in the South West Indian Ocean to use satellite data as a tool for managing coastal risk and sustainable development.
5. Cotton, D.; A. Becker; E. Ash; A. Hibbert; V. Byfield; C. Sams; C. Maueua; F. Nehama; H. Razafindrainibe; L. Randriamarolaza; J. Bemiasa; A. Rabearisoa; H. Rakotondrazafy; R. Pretorius. Application of satellite data as a tool for managing coastal risk and sustainable development in the South West Indian Ocean. The C-RiSe Project.
6. Di Nitto, D.; F. Dahdouh-Guebas; L. Jayatissa; J. Hugé; N. Koedam. 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.
7. Duvail, S.; W. Nyingi; S. Mwansasu; D. Juizo; L. Robison; D. Hervé; C. Hutton; P. Paron; O. Hamerlynck. Capacity Building for an Effective and Multidisciplinary Understanding of Western Indian Ocean Deltas Resilience.
8. Fiadanamiarinjato, E. Study of the Support Provided by WWF Madagascar to the Fishing Communities of West- Central Madagascar, Landscape Manambolo -Tsiribihina.
9. Goble, B.; F. MacKay. Design, Development and Implementation of a Decision Support Information-portal for Integrated Coastal Management.
10. Gordon, A.; M. Marriott. Improving accessibility to the Marine Stewardship Council's certification and ecolabelling programme.
11. Haupt, T.; A. Nadjim; T. Samaai; R. Payne; D. Anders; M. Worship; L. Janson; L. Snyders; S. Tales. Developing Capacity and Local Infrastructure in the Comoros Islands of the Western Indian Ocean.
12. Hollander, J.; C. Harlos; T. Edgell. Can we trust climate change scientists?
13. Knoester, E.; T. Murk; R. Osinga. Efficiency and success of coral mariculture can be improved through grazing by herbivorous fish.
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Pollution: source, fate and social and environmental impacts

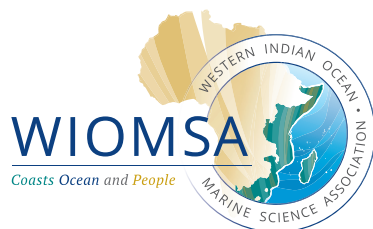
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