



Program

MONDAY, JUNE 17 th - 14:00 Registration desk opens.										
TUESDAY, JUNE 18 th			WEDNESDAY, JUNE 19 th				THURSDAY JUNE 20 th			
08:00 - 08:10	Committee Introductions		08:30 - 08:45	Keynote 1 - Is Blue economy Research and management on the right track in Africa?			08:30 - 08:50	Keynote 8 – The role of youths in addressing plastic pollution in aquatic systems		Keynote 10 - Exploits and possible future successes in scientific research of African Great Lakes
08:10 - 09:00	WWF Kenya Special session: A talk by PS Water and Sanitation, WWF-K CEO talk on “From catchment to tap”, and a session on Integrated water resource management.		08:45 - 09:00	Keynote 2 - Blue Economy in Kenya: Is it the panacea to turn around Kenya’s Economy?			08:50 - 09:10	Keynote 9 - Possible Blue economy financing mechanisms to support emerging thematic associations: Lessons learnt from WIOMSA		Keynote 11 - Perspectives and practices that hinder fish food security advancement
	SIDE EVENTS		09:00 - 09:15	Keynote 3 – Endeavour Towards Transformation of a Sustainable African Fisheries and Aquaculture			09:10 - 09:30	Panel Discussion		Panel Discussion
			09:15 - 09:35	Panel Discussion						
			09:35 - 09:50	Keynote 4 – IFAD and donor funded Projects, impacts and possible areas for funding in the East Africa region						
09:00 - 10:50	FAO/True Fish Session	Aquatic Ecosystems Structure & Bio-Monitoring (UOE)	09:50 - 10:00	Keynote 5 – Blue Economy Investments by monetary institutions: case of National Bank of Kenya (NBK)			SIDE EVENTS			
			10:00 - 10:10	Keynote 6 – Blue Economy financing and Insurance: case of Cooperative Bank of Kenya						
			10:10 - 10:30	Panel Discussion			09:30 - 10:30	ABDP Side Event		Blue Economy Academia Session
10:50 - 11:20	HEALTH BREAK		10:30 - 11:00	HEALTH BREAK			10:30 - 11:00	HEALTH BREAK		
11:20 - 13:00	OFFICIAL OPENING CEREMONY		11:00 - 12:00	Gatsby Africa Special Session			PARALLEL SESSIONS			
			12:00 - 12:20	Keynote 7 – Role of training and capacity building in fisheries development						
			12:20 - 12:25	Kenya Roads Board Representative talk						
			12:25 - 12:35	Kenya Ports Authority (KPA) Representative talk						
			12:35 -	Kenya Maritime Authority (KMA) Representative talk			11:00 - 13:00	Sub-theme 1	Sub-theme 2	Sub-theme 3



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					12:45												
					12:45 - 12:55	World Aquaculture Society (WAS) talk											
13:00 - 14:00	LUNCH BREAK				12:55 - 14:00	LUNCH BREAK				13:00 - 14:00	LUNCH BREAK						
	PARALLEL SESSIONS					PARALLEL SESSIONS					CLOSING CEREMONY						
14:00 - 16:00	Sub-theme 1	Sub-theme 2	Sub-theme 4	Sub-theme 5	14:00 - 16:00	Sub-theme 3	Sub-theme 4	Sub-theme 5	Sub-theme 6	14:00 - 14:15	Recap /Communique						
16:00 - 16:30	HEALTH BREAK				16:00 - 16:30	HEALTH BREAK				14:15 - 15:30	Launch of products						
	PARALLEL SESSIONS				16:30 - 17:45	Sustainable Ocean Governance Special Session organised by KMFRI & UNEP Nairobi Convention											
	PARALLEL SESSIONS				17:45 - 18:30	POSTER SESSION				15:30 - 16:00	Award Ceremony						
16:30 - 17:15	Sub-theme 1	Sub-theme 2	Sub-theme 4	Sub-theme 5									16:00 - 16:45	OFFICIAL CLOSING CEREMONY			
17:15 - 18:15	POSTER SESSION												18:00 - 21:00	COCKTAIL			
FRIDAY 21ST JUNE 2024: POST-CONFERENCE EXCURSION (OPTIONAL)																	



Program

	DAY 1: MONDAY 17TH JUNE 2024	
14:00 - 17:00	Arrivals and Registration	
	DAY 2: TUESDAY 18TH JUNE 2024	
	SINGLE SESSIONS: Venue - Main Hall	
	Chair: Dr. Christopher Aura Rapporteur: Mr. James Last	
08:00 - 08:10	Committee introductions	
08:10 - 09:00	WWF Kenya Special session 1: A talk by CEO WWF K - "From catchment to tap" 2: A talk by PS (Water) Mr. Julius Korir 3: A session on "integrated water resource management"	
	SIDE EVENTS (TWO)	
09:00 - 10:50	FAO/TrueFish special session	Aquatic Ecosystems Structure & Biomonitoring (UOE)
10:50- 11:20	Health Break	
11:20 - 13:00	Opening Ceremony: <ol style="list-style-type: none"> CEO KMFRI (to invite Maseno VC to introduce VCs present, KMFRI CEO to introduce CEOs and Heads of agencies present, invite sponsors to give brief remarks, and proceed with his speech) Hon. John Safari Mumba (KMFRI BoM Chairman, remarks) The Regional Commissioner (RC)- Nyanza (to give remarks) The Principal Secretary (PS) Ms. Betsy Njagi (to invite the PS Water to give remarks, also invite Chairman of Blue Economy Parliamentary Committee to give remarks, and proceed with her speech) H.E. Prof. Anyang Nyong'o (Governor Kisumu County to introduce Governors and Deputy Governors present, give remarks and invite COG Head of Blue Economy Committee, H.E. Issa Timamy to give remarks) Cabinet Secretary (EGH Salim Mvurya): Official opening speech Chair: Mr. Rodrick Kundu Rapporteur: CS Caroline Mukiira	
13:00 - 14:00	Lunch Break	
	Sub-Theme 1. Blue Economy Policies and Governance (Venue: Adek Hall)	
	Chair: Dr. Frank Masese Rapporteur: Ms. Alice Hamisi	
14:00 - 14:15	Zeph Migeni	Transboundary Collaboration for African Great Lakes Governance
14:15 - 14:30	Mexford Mulumpwa	The Need to Supplement Current Input Controls with Output Controls in Commercial Fisheries Management of Lake Malawi
14:30 - 14:45	Veronica Mpomwenda	Development of the Nile Perch Fishery in Lake Victoria During the Past Two Decades: A Comparative Perspective Between the Three Riparian Countries Kenya, Tanzania, And Uganda.
14:45 - 15:00	Mary B. Ontomwa	Longline Pelagic Fishery Assemblage in Kenya's Exclusive Economic Zone Marine Waters
15:00 - 15:15	Johnstone O. Omukoto	Harnessing The Potential of Local Fish Market Actors to Support Nutritional Security in Coastal Kenya
15:15 - 15:30	Kobingi Nyakeya	Institutional And Legal Policy Framework on The Management and Conservation of Fisheries and Aquatic Resources in Kenya: A Review
15:30 - 15:45	Benard Opa	Unbundling The Doctrine of Eminent Domain and Police Power of The State in The Context of Sustainable Fisheries Management and Governance
15:45 - 16:00	Hillary Mrosso	Unveiling The Dynamics of Fishery Conflicts and Misconceptions: A Case Study from Lake Victoria
	Sub-Theme 2. Community Engagement and Inclusivity (Venue: Ariyo Hall)	
	Chair: Dr. Jacob Ochiwo Rapporteur: Ms. Julia Obuya	
14:00 - 14:15	Angela Odero	Rio Fish Farm
14:15 - 14:30	Edwin O. Wagah	Harmony In Conservation: Exploring Fisherfolk's Insights on Ecosystem Transformations in Muhuru-Bay, Western Kenya
14:30 - 14:45	Collins Ongore	Improved biomass estimations from species-by-species resolution of Lake Victoria's multi-annual acoustics data using fish schools' analysis and updated Caridina TS
14:45 - 15:00	Jeppe Kolding	Using Local Fishers for Data Collection in Lake Turkana, Kenya

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15:00 – 15:15	Rebecca N. Walugembe	Impacts Of Land Cover Changes on Catches of Nile Perch and Nile Tilapia in Uganda; A Case Study of Lake Kyoga.
15:15 – 15:30	Stephanie Smith	Building the capacity we need for The African Great Lakes
15:30 – 15:45	Faith K. Kimanga	Indigenous Knowledge and Its Uses in Fisheries Management in Kilifi County
15:45 – 16:00	Noah K. Kimeli	Financial Risk Management and The Performance of Small and Micro Enterprises in Moiben Constituency, Uasin Gishu County, Kenya.
Sub-Theme 4. Oceanography and Climate Change (Venue: Angwen Hall) Chair: Dr. James Kairo Rapporteur: Mr. Naftaly Mwirigi		
14:00 - 14:15	Job Mwamburi	The Sedimentary Phosphorus (P) And Iron (Fe) Concentration of Winam Gulf Surficial Sediments: Spatial Distribution and Implications of The Nutritive Element Cycling and Lake Eutrophication in A Shallow Bay
14:15 - 14:30	Anthony Basooma	Predicting The Distribution of <i>Pontederia crassipes</i> (Water Hyacinth) In Lake Victoria Under Varying Climatic Scenarios.
14:30 - 14:45	Chepkemboi Purity	The Distribution of Anthropogenic Litter in Selected Beaches and Nearshore Waters of The Great Rift Valley: A Case Study of Lakes Naivasha and Baringo
14:45 – 15:00	Pauline Nyambura	Fuel Efficient Cookstoves for Carbon Offset, Gazi Bay Kenya
15:00 – 15:15	Damaris M. Mutia	Kenya Marine Waters Evolution During the Satellite Era: Insights from Remote Sensing
15:15 – 15:30	Kombo Maureen	The Impacts of Ocean Acidification on High-Value Mariculture Species: A Case Study of Sea Cucumber and Artemia
15:30 – 15:45	Mary M. Chiphatsi	Riding The Litter Tide: Neo-Pelagic Communities Hitchhiking Along the Kenyan Coast
15:45 – 16:00	Sitoki Lewis	Impacts Of Climate Change on Phytoplankton Functional Groups in Nyanza Gulf, Lake Victoria
Sub-Theme 5. Sustainable Fisheries and Aquaculture (Achiel Hall) Chair: Prof. Christopher Ngacho Rapporteur: Mr. Awandu Hezron		
14:00 - 14:15	Lillian Daudi	Fish Assemblages Associated with <i>Thalassodendron ciliatum</i> Beds Along the Kenyan Coast: Do Seagrass Support Fisheries in Kenya?
14:15 - 14:30	Jacob Abwao	Genetic Diversity Among Farmed and Wild Nile Tilapia, <i>Oreochromis niloticus</i> , Populations in Kenya and Its Significance for Aquaculture and Conservation
14:30 - 14:45	Ruth Lewo	Promoting Sustainable Corporate Social Responsibility in Aquaculture: A Case of Rio Fish Farms and Victory Farms in Lake Victoria, Kenya
14:45 – 15:00	Salim Mbalaka	Harmony Below the Surface of a Shared Lake: Unveiling Lake Malawi/Niassa/Nyasa's Aquatic Richness Through a Collaborative Biomass Assessment Survey- Preliminary Findings
15:00 – 15:15	Sambu K. Saitoti	Evaluation Of Black Soldier Fly Larvae as Alternative Protein Source for Growth of Fingerling Species in Kenya
15:15 – 15:30	Erick Ogello	Comparative Analysis of Aquaculture Development Pathways in Africa and Asia: Case Studies Within a Resource-Use Efficiency Context
15:30 – 15:45	Nakiyende Herbert	Navigating Data Gaps: Integrative Stock Assessment Models Inform Sustainable Management of Artisanal Fisheries in Lake Albert.
15:45 – 16:00	Sheban Hinzano	Comparative reproductive performance of three <i>Artemia franciscana</i> populations under different salinity levels
16:00 – 16:30	Health Break	
CONTINUED PARALLEL SESSIONS (Four)		
Sub-Theme 1. Blue Economy Policies and Governance (Venue: Adek Hall) Chair: Dr. Gabriel Ng'ong'a Rapporteur: Ms. Josephine Marigu		
16:30 – 16:45	Fredrick Jared Guya	The Socioeconomic Impacts of The Rising Water Levels in Lake Victoria
16:45 – 17:00	Awwal Bamanga	Harmonizing Nature and Economy: Sustainable Ecotourism as a Catalyst for a Blue Economy Growth in Africa
17:00 - 17:15	Chepkemboi Labatt	The Role of Traditional Institutions in Governance of Marine Biological Diversity: The Case of The Swahili Communities of Funzi Island And Vanga In Kwale County, Kenya.
17:15 – 18:15	POSTER SESSION (Acacia Premier Hotel)	
Continued Sub-Theme 2. Community Engagement and Inclusivity (Venue: Ariyo Hall) Chair: Dr. Kevin Obiero Rapporteur: Bruno Odhiambo		
16:30 – 16:45	Fredrick J. Muyodi	Indiscriminate Dumping of Plastics in Lake Victoria Basin Towns, Uganda: Recommendations for Sustainable Management
16:45 – 17:00	Linnet Nasambu	Time Poverty; Obstacle to Women Fish Traders' Sustainable Development
17:00 - 17:15	Violet Atieno	The Role of Educational Systems as A Community Centred Initiative in Restoring Marine Ecosystem: A Case Study of Mbita Beach
17:15 – 18:15	POSTER SESSION (Acacia Premier Hotel)	

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	Continued: Sub-Theme 4. Oceanography and Climate Change (Angwen Hall) Chair: Dr. Paul Orina Rapporteur: Mr. Nicholas Karani	
16:30 – 16:45	Athman Salim	Understanding The Impacts of Climate Change on Shoreline Dynamics: A Multidimensional Analysis
16:45 – 17:00	Felix Kioko	Social And Economic Implications of Adopting Energy Efficient Wood Fuel-Based Cook Stoves for Sustainable Mangrove Forest Management in Lamu and Tana River Counties, Kenya
17:00 – 17:15	Marvin Osumba	Climate Change Vulnerability Assessment of Communities Adjacent to Diani Chale Marine Reserve, Kwale County, Kenya
17:15 – 18:15	POSTER SESSION (Acacia Premier Hotel)	
	Continued: Sub-Theme 5. Sustainable Fisheries and Aquaculture (Achiel Hall) Chair: Prof. Mulugeta Wakijira Rapporteur: Dr. Amon Kimeli	
16:30 – 16:45	Jeppe Kolding	Overblown Tales of Overfishing in An African Lake
16:45 – 17:00	Godfrey K. Kubiriza	Nutrient And Quality Attributes of Poultry By-Product Protein Supplements Processed Using Locally Developed Technologies for Aquafeed Production in East Africa
17:00 – 17:15	Victoria C. Tarus	Effects of Replacement of Fish Meal with a Mixture of Cowpeas <i>Vigna Unguiculata</i> and <i>Amaranth Amaranthus Cruentus</i> in <i>Labeo Victoria Labeo Victorianus</i> Culture
17:15 – 18:15	POSTER SESSION	
DAY 3: WEDNESDAY 19TH JUNE 2024		
SINGLE SESSIONS		
Venue – Main Hall Chair: Mr. Tom Bukenya Rapporteur: Ms. Mary Ontomwa		
08:30 – 08:45	Keynote 1: Prof Martin Van Der Knaap - Is Blue economy Research and management on the right track in Africa?	
08:45 – 09:00	Keynote 2: Prof James Njiru - Blue Economy in Kenya: Is it the panacea to turn around Kenya's Economy?	
09:00 – 09:15	Keynote 3: Prof. Micheni Ntiba - Endeavour Towards Transformation of a Sustainable African Fisheries and Aquaculture	
09:15 – 09:35	Panel discussion: i. Dr. Ismael Kimirei: DG- TAFIRI ii. Dr. Winnie Nkalubo: DG- NAFIRRI iii. Director Fisheries – Burundi iv. Dr. Simon Macharia - KeFS	
Venue - Main Hall Chair: Dr. Mary Kishe Rapporteur: Ms.Kiteresi Linet Imbayi		
09:35 – 09:50	Keynote 4: Dr. Richard Abila: IFAD and donor funded Projects, impacts and possible areas for funding in the East Africa region (Main Hall)	
09:50 – 10:00	Keynote 5: National Bank of Kenya - Blue Economy Investments by Monetary Institutions	
10:10 – 10:10	Keynote 6: Cooperative Bank of Kenya - Blue Economy financing and Insurance	
10:10 – 10:30	Panel discussion: i. Prof Julius Manyala: JOOUST, Kenya ii. Ms. Joyce Nyeko: LEAFO, Uganda iii. Mr. Tom Guda: Regional BMU Chairman. iv. Ms. Angela Odero: RIO FISH	
10:30 – 11:00	Health Break	
SINGLE SESSION: Venue - Main Hall		
11:00 – 12:00	GATSBY AFRICA SPECIAL SESSION (Venue: Main Hall)	
SINGLE SESSION: Venue - Main Hall Chair: Dr. Winnie Nkalubo Rapporteur: Dr. Anthony Nzioka		
12:00 – 12:15	Keynote 7: Thor Asgeirsson, GRO FTP: Role of training and capacity building in fisheries development	
12:15 – 12:25	A talk by Kenya Roads Board	
12:25 – 12:35	A talk by Kenya Ports Authority (KPA)	
12:35- 12:45	A talk by Kenya Maritime Authority (KMA)	
12:45- 12:55	A talk by Dr. Victoria Tarus (World Aquaculture Society)	
12:55- 14:00	Lunch Break	

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PARALLEL THEME SESSIONS (Four Sessions)		
Sub-Theme 3. Marine Biology and Ecology (Venue: Ariyo Hall) Chair: Ahmed Mohammed (UNEP Go Blue Project) Rapporteur: Mr. Patrick Otuo.		
14:00 - 14:15	Charles Muthama	Implications Of Conservation Management Levels on The Health Status of Seagrass Meadows in Kisite and Mpunguti Marine Park and Reserve.
14.15 - 14:30	Zipporah W. Muchiri	Heavy Metal Contamination Among Anguillids from Two Kenyan East-Flowing Rivers
14:30 - 14:45	Kelvin A. Ongeri	Effect Of Growth Conditions on Neutral Lipids Content: A Comparison Between Fresh and Sea Water Diatom Algal Species.
14:45 - 15:00	Harry Yusrah	Assessment Of Soil Organic Carbon Stocks in Intact, Moderately Degraded, Highly Degraded and Replanted, Mangrove Formations in Lamu Seascape, Kenya
15:00- 15:15	Veronica W. Wayayi	Human Health Risk Associated with The Occurrence of Pharmaceuticals in Fish Species Collected from Tudor Creek, Mombasa Kenya
15:15 - 15:30	Immaculate M. Kinyua	Fish Juvenile Recruitment in Coastal Habitats of Kijiweni, Kenya
15:30 - 15:45	Martha B. Moseti	Seasonal Changes in Phytoplankton Species Composition and Abundance in Arid and Semi-Arid Water Pans Under Different Land Uses in Narok, Kenya
15:45 - 16:00	Elizabeth Mueni	A Snapshot of Mariculture in Kenya: Species Diversity, Production, Challenges, Opportunities and Way Forward
Continued: Sub-Theme 4. Oceanography and Climate Change (Angwen Hall) Chair: Patricia Kinyolo (UNEP Go Blue Project) Rapporteur: Mr. Nathan Lenjo		
14:00 - 14:15	Collins Ongore	The Lake Victoria Lacustrine Situation: Insights from Decadal in situ Limnological Data
14.15 - 14:30	Catherine Sezi Mwalugha	The Unreported Inhabitants of The Beaches and Nearshore Waters of Selected Great Lakes
14:30 - 14:45	Nancy Mosiara Ogega	Impact Of Coral Reef Restoration on Fish Assemblage in Diani-Chale Marine Reserve, Kenya.
14:45 - 15:00	Margaret Waturu	Effect Of Land-Use-Land-Cover-Changes on Water Quality in The Upper Athi River Catchment in Kenya
15:00- 15:15	Evance Omondi Mbao	A Bibliometric Study on Diatom DNA Metabarcoding For Water Quality Monitoring: A Global Perspective
15:15 - 15:30	Makwata Harun	Analytic Study of Temperature Dependent Dissolved Oxygen Concentration in A Water Mass
15:30 - 15:45	Purity M. Riungu	Yield Data and Economic Valuation of Mangrove Wood in Lamu, Kenya
15:45 - 16:00	Gilbert Owato	Spatial-Temporal Structure and Composition of Phytoplankton Along the Kenyan Coast
Continued: Sub-Theme 5. Sustainable Fisheries and Aquaculture (Achiel Hall) Chair: Ms. Lucy Kimani Rapporteur: Ms. Hellen Moyoni		
14:00 - 14:15	Happy K. Peter	Two Decades of Change in Fishing Patterns: Mesh and Hook Size Dynamics in The Gillnet and Longline Fisheries in The Southern Part of Lake Victoria (Tanzania)
14.15 - 14:30	Nehemiah M. Rindoria	Scanning Electron Micrographs of Copepod, Nematode and Trematode Parasites from <i>Clarias gariepinus</i> (Burchell, 1822) <i>Labeobarbus altianalis</i> (Boulenger, 1900) And <i>Labeo victorinus</i> (Boulenger, 1901) In Kenya
14:30 - 14:45	Orina Enock	Nutrient Loading by Awach Kasipul into Awach Kibuo River in The Lake Victoria Basin
14:45 - 15:00	Enock W. Mlaponi	Is The Current Fisheries Management Intervention in Lake Victoria Efficient?
15:00- 15:15	Vianny Natugonza	Managing The Invasive Nile Perch (<i>Lates niloticus</i>) In Lake Victoria (East Africa) To Maintain Species Diversity and Livelihoods
15:15 - 15:30	David Mirera	Effects Of Extreme Events on Community Alternative Livelihoods: The Case of Seaweed Farming and El Nino Phenomena in The South Coast of Kenya
15:30 - 15:45	Julie Bwoga	Fish Parasites and Diseases: Contextual Analysis of The Kenyan Aquaculture.
15:45 - 16:00	John Malala	The fishery of Lake Turkana: Are there hidden drivers of production and markets?
Sub-Theme 6. Technology and innovations in the Blue Economy (Venue: Angwen Hall) Chair: Dr. Domitila Kyule Rapporteur: Mr. Chadwick Bironga		
14:00 - 14:15	Jessy Lugya	Using ICT in Cage Fish Farming Equips Fish Farmers with Knowledge - the NARO Cage Aquaculture App
14.15 - 14:30	Gilbert Atuga	Citizen Science for macroplastics monitoring in Kenya Coastal beaches using mobile technology
14:30 - 14:45	Gilbert K. Kosgei	Machine learning-based assessments of mangrove carbon dynamics in Lamu, Kenya

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14:45 – 15:00	Mong'are Omare	Integrating GIS Technology to Uncover Economic Opportunities in Recreational Tourism: A Blue Economy Perspective on Kenya's Western Region	
15:00– 15:15	Luttamaguzi Abdul Noor	Spatial risk estimation of parasitic infestations of pond and cage cultured Nile Tilapia (<i>Oreochromis niloticus</i>) in the Lake Victoria Crescent, Uganda	
15:15 – 15:30	Hezron Awandu	Enhancing the Use of Electronic Fish Market Information System (EFMIS) for Scaling Lake Victoria Fisheries Value Chain for Blue Growth : FishMart Mobile Application	
15:30 – 15:45	Kobingi Nyakeya	Incorporating Driver-Pressure-State-Impact-Response (DPSIR) Model for Sustainable Management of Lake Victoria Fisheries	
15:45 – 16:00	Horace Owiti	Drowning Risks Among Fishers on Lake Victoria: The Interplay of Extreme Weather and Preventable Factors	
16:00 -16:30	Health Break		
SINGLE SESSION			
16:30 - 17:45	Sustainable Ocean Governance Side Event by UNEP Nairobi Convention		
17:45 - 18:30	POSTERS SESSION (Acacia Premier Hotel)		
DAY 4: THURSDAY 20TH JUNE 2024			
PARALLEL SESSIONS			
	Venue-Main Hall I Chair: Dr. Robert Kayanda Rapporteur: Ms. Fonda Jane Awuor		Venue - Main hall II Chair: Dr. Davis Makilla Rapporteur: Mr. Jonathan Ekiru
8.30: – 8:50	Keynote 8: Michelle/Jeremy, Osiepe Sango	The role of youths in addressing plastic pollution in aquatic systems	Keynote 10: Dr Ted Lawrence Exploits and possible future successes in scientific research of African Great Lakes
8.50: – 9:10	Keynote 9: Dr. Arthur Tuda, ES WIOMSA	Possible Blue economy financing mechanisms to support emerging thematic associations: Lessons learnt from WIOMSA	Keynote 11: Prof Jeppe Kolding Perspectives and practices that hinder fish food security advancement
8.10: – 9:30	Panel discussion: Main Hall I i. Ms. Lucy Obungu: SDBEF ii. Mr. Daniel Mungai: DG KeFS iii. Dr. Anthony Munyaho: Uganda iv. Dr. Mary Kische: TAFIRI v. Prof. Dickson Andala: CEO-NRF, Kenya		Panel discussion: Main Hall II i. Prof. James M. Njiru - CEO KMFRI ii. Prof. Paul Van Zwieten - Wageningen University iii. Prof. Philip Raburu - DVC UoE iv. Mr. Mukasa Tom Bukenya- ES LVFO v. Mr. Rodrick Kundu: Secretary the BE & Fisheries
SIDE EVENTS (TWO)			
9:30 - 10:30	ABDP SIDE EVENT		Blue Economy Academia Special Session
10:30 – 11:00	Health Break		
PARALLEL SESSIONS (FOUR SESSIONS)			
	Continued Sub-Theme 1. Blue Economy Policies and Governance (Venue: Adek Hall) Chair: Dr. Simon Macharia Rapporteur: Ms. Morine Mukami		
11:00 – 11:15	James Kairo	Science of stupid in mangrove restoration projects	
11:15 – 11:30	George Mokua Ogendi	Effects Of Farming and Sewerage Disposal Activities on Water Quality of Nyakomisaro-Riana and Nyanchwa-Riana Streams Draining into Lake Victoria, Kenya	
11:30 – 11:45	Mary Opiyo	Use Of Black Soldier Fly Larvae and Freshwater Shrimp to Partly Substitute Commercial Diet for Nile Tilapia Cultured in Smallholder Fish Farms: A Case Study in Busia County, Kenya	
11:45 – 12:00	Bassa Samuel	Trends In Yield and Exploitation Patterns of The Commercial Fisheries in Kyoga Basin Lakes and Future Prospects.	
12:00 – 12:15	John N. Maara	Integrating Land Policy Frameworks for A Sustainable Blue Economy in Kenya	
12:15 – 12:30	Emily A. Wafula	Effectiveness Of Biochar-Based Biofilter Media in Recirculating Aquaculture System	

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12:30 – 12:45	Benard O. Maranga	Fatty Acid Composition of Catfish Fed on Black Soldier Fly Larvae Formulated Diets Under Aquaponic System
12:45 – 13:00	Safina Musa	The Effect of Different Feeding Rates and Fertilization on Water Quality, Production, And Economic Performance of Nile Tilapia Farming in Low Input Pond Culture
Sub-Theme 2. Community Engagement and Inclusivity (Venue: Ariyo Hall) Chair: Dr. Joseph Kamau Rapporteur: Dr. Esther Wairimu		
11:00 – 11:15	Juliet Karisa	Scaling Up Coral Reef Restoration through Community-Driven Approaches in Kenya
11:15 – 11:30	Otuo W. Patrick	ARBE C Launch Event for A Plastic Reduction Program
11:30 – 11:45	Gladys Chigamba	Linthipe River Ecosystem: Unveiling Economic Dimensions for Sustainable Conservation and Livelihoods in Malawi
11:45 – 12:00	Sharon A. Miniga	The Abundance and Diversity of Macroinvertebrates in Relation to Water Quality: A Case Study of Kisumu Bay
12:00 – 12:15	John Okechi	Impact of cage aquaculture on limnology, biodiversity and food security in Lake Victoria - Kenya
12:15 – 12:30	Angela Nankabirwa	Response Of Primary Consumers to Resource Pulses
12:30 – 12:45	Carina M. Fernandes	Impact Of Frozen Storage on Quality and Cold Storage Stability of Smoked Deep-Skinned Fillets from Well-Fed Atlantic Mackerel
12:45 – 13:00	Fredrick J. Muyodi	Indiscriminate Dumping of Plastics in Lake Victoria Basin Towns, Uganda: Recommendations for Sustainable Management
Continued Sub-Theme 3. Marine Biology and Ecology (Venue: Ariyo Hall) Chair: Dr. Herbert Nakiyende Rapporteur: Dr. Juliet Furaha		
11:00 – 11:15	Esther N. Fondo	Kenya's Shallow-Water Prawn Fishery
11:15 – 11:30	Benjamin W. Panyako	Bioremediation Potential of Soil Lead (Pb) Tolerant Fungi Isolated from Owino Uhuru, A Suburb of Mombasa County, Kenya
11:30 – 11:45	Robert Mukiibi	Genetic Diversity and Population Structure of Farmed and Wild Nile Tilapia (<i>Oreochromis niloticus</i>) In Uganda: The Potential for Aquaculture Selection and Breeding Programs
11:45 – 12:00	Meali M. Maule	Assessing The Ecological Impacts of Maritime Activities on Marine Migratory Species
12:00 – 12:15	Juma M. Mayianda	Phytochemicals, Antimicrobial and Antioxidant Activities of Crude Extracts from Selected Medicinal Climbers against <i>Candida albicans</i> , <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i>
12:15 – 12:30	Josphat Segera	Diversity Of Barbus Species and The Pollution Status Along River Nyando, At the Mouth of Lake Victoria, Gulf of Kenya
12:30 – 12:45	Tamooch Fredrick	Understanding the dynamics of CO ₂ and methane emissions in the mangrove soils of Lamu Seascape
12:45 – 13:00	Richard Mzungu	Distribution, Population Structure, And Fishery Potential of The Golden Deep-Sea Crab, <i>Chaceon somaliensis</i> in The Kenyan Coast in East Africa
Continued: Session 5. Sustainable Fisheries and Aquaculture (Venue: Achiel Hall) Chair: Dr. Jonathan Munguti Rapporteur: Maurice Obiero		
11:00 – 11:15	Albert Getabu	Effect Of Algal Blooms on Fishermen and Fishing Activities in The Nyanza Gulf, Lake Victoria. In person
11:15 – 11:30	Nicholas Outa	Exploring the opportunities and challenges for empowering youth and women in the Kenyan Blue Economy sector In person
11:30 – 11:45	Ken G. Drouillard	Bioavailability And Bioaccumulation of Mercury in Lower Food Web Components and Nile Perch in Winam Gulf, Lake Victoria, Kenya In person
11:45 – 12:00	Judith Achoki	Effects Of Duckweed (Lemna Minor) Feed Inclusion on Growth, Feed Conversion Ratio and Reproductive Performance in Nile Tilapia (<i>Oreochromis niloticus-linnaeus</i> , 1758)
12:00 – 12:15	Grace Nduku	Coral Gardening Approach to Reef Restoration and Its Contribution to Aquarium Aesthetic Value: A Review
12:15 – 12:30	Bruno O. Otieno	Harnessing Sustainable Aquaculture Practices for Blue Economy Growth in Kisumu Bay.
12:30 – 12:45	Richard Mangeni	Acoustic Assessment of The Abundance and Spatial Distribution of Pelagic Fish Species In Lake Albert, Uganda
12:45 – 13:00	Maurice Obiero	Post-Harvest Loss Assessment of Some Commercial Fishes in Lake Turkana; Status, Opportunities and Challenges



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13:00 – 14:00	Lunch Break
	SINGLE SESSION: Venue - Main Hall Chair: CEO KMFRI Rapporteur: Mr. Collins Ongore
14:00 – 14:15	Recap /Communique Dr. Frank Masese
14:15 – 15:30	Launch of products by Cabinet Secretary (EGH Salim Mvurya) <ul style="list-style-type: none"> i. KMFRI Strategic Plan (30 minutes) ii. Kenya Aquatica Journal (15 minutes) iii. Graham's 100 years on survey (10 minutes) iv. African lakes hub website/ACARE (10 minutes) v. A Plastic Reduction Program (10 minutes)
15:30 – 16:00	Award Ceremony- Dr. Chrisphine Nyamweya & Dr. Cyprian Odoli
16:00 – 16:45	Official closing Ceremony <ul style="list-style-type: none"> i. H.E. Prof. Anyang' Nyong'o (Kisumu Governor) ii. Cabinet Secretary (EGH Salim Mvurya)
18:00 - 21:00	Entertainment and Cocktail Moderators: Dr. Eric Okuku and Dr. Jacqueline Uku
	DAY 5: FRIDAY 21ST JUNE 2024
09:00 – 11:30	POST-CONFERENCE EXCURSION (OPTIONAL)

POSTERS (Acacia Premier Hotel)		
1. Blue Economy Policies and Governance		
1	Elizabeth A. Ngesa	Levels Of Heavy Metals in The Straightfin Barb <i>Enteromius paludinosus</i> (Peters 1852) From River Malewa, Naivasha, Kenya
2	Christopher M. Aura	The Developed Lake Victoria, Kenya Marine Spatial Plan in Relation to Aquaculture Suitability
3	Mercy Chepkirui	A Delicate Balance Between Offshore In-Land Aquaculture and The Environment. A Focus on Lake Victoria, Kenya
4	Melckzedek K. Osore	Implementation Status of Kenya's Blue Economy: Steps Towards Attaining Relevant Policies and Regulations
5	Pascal Thoya	The Extent of IUU Fishing in The Western Indian Ocean and The Role of Governance
6	Otara Mwanchi	Aquatic Macroinvertebrates as Bioindicators of Water Quality: A Case Study River Kisat, Kisumu City Kenya.
7	Awwal Bamanga	Preliminary Investigation of Chemical Composition of Ballast Water Sediments in Selected Ships Within the Lagos Harbour, Nigeria
8	Charles M. Kosore	Assessing The Impact of Banning the Single-Use Plastic Carrier Bags: A Case Study for Kenyan Marine Environment Looking at Macro, Meso and Microplastics
9	James L. Keyombe	African Lakes Hub: Bridging Data Disparities for Informed Aquatic Ecosystem Research
10	Jane A. Fonda	Assessing The Socio-Economic Value of Kenya's Inland Water Bodies Within the Blue Economy Paradigm
11	Gladys Okemwa	Transitioning Towards an Ecosystem Approach to Managing Marine Capture Fisheries: A case of the Malindi Ungwana Bay Prawn Fisheries
12	Patrick O. Wanguche	Assessing The Efficacy of Fisheries Co-Management Amidst the Impacts of Climate Change: A Stakeholder's Preparedness Evaluation in Lake Victoria, Kenya.
13	Collins Ongore	An Approach Towards Establishing the Dynamics of a Lacustrine Bay Based on Blue Economy Investments
14	Veronica O. Ombwa	Validation Of Best Management Practices in Fish Cage Culture; A Case Study on Lake Victoria, Kenya.
15	Mutie Alice	Exploring Fishery Potential in Small Water Bodies: Nakuru and Narok Counties
16	Jacob Ochiewo	Analysis Of the Effects of Attitudes on Implementation of Mariculture Projects in The Coast of Kenya
17	Kevin O. Obiero	Bridging Indigenous and Non-Indigenous Knowledge Systems and Practices for Sustainable Management of Aquatic Resources in East Africa
2. Community Engagement and Inclusivity		
18	Newton Owino	Sustainable Fish Leather Through Waste-To-Resource Innovation
19	Mercy Chepkirui	Blue Economy Models for Women Economic Empowerment in Suba South, Kenya

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20	Cathrine W. Nduati	Assessing Community Awareness of Coral Reef Restoration Projects: The Case of Reef Divers Diani, Kenya.
21	Bassa Samuel	Will The Marine Protected Areas in The Kyoga Basin Lakes Provide a Future Prospect for The Fisheries? A Case to Answer
22	Hellen Ngoa	The Suitability of Incentives in Social Research on Artisanal Fishing Communities in Coastal Kenya
23	Edward Waiyaki	Perceptions Of Value Chain Actors on Access to Domestic Fish Markets in The Coast of Kenya
24	Kisilu Mary	Beyond Carbon: Evaluating Mangroves Co-Benefits in Lamu-Tana Seascape, Kenya
25	Daniel O. Ouma	The Impact of Inclusive and Community-Driven Approach Towards Sustainable Blue Economy Initiatives
26	Patrick O. Wanguche	Lake Debris in Urban-Scape Small-Scale Fisheries, Is There a Cause to Worry? The Case of Winam Gulf in Lake Victoria, Kenya
27	Jelvas M. Mwaura	Small Community-Based Protected Areas in Kenyan Lagoonal Reefs Provide Refuge for Reef Fish Assemblages and Corals
28	Jacob Ochiewo	Socioeconomic Characteristics of Small-Scale Fisheries Along Mwache-Kilindini Creek in Kwale and Mombasa Counties
29	Amina J. Hamza	Understanding Local Perceptions and Community Diversity: Key for Culturally Sustainable Mangrove Management
30	Victor M. Alati	Do Fishers Recognize Guitarfish Declines? Shifting Environmental Baselines in Coastal Kenya
31	Fridah Munyi	Redefining Mangrove Forest Management in The South Coast of Kenya
3. Marine Biology and Ecology		
32	Abbie A. Allela	Genetic Connectivity and Fine-Scale Spatial Genetic Structure of The Grey Mangrove <i>Avicennia Marina</i> (Forsk.) Vierh. In Gazi Bay, Kenya, Using Microsatellites Markers
33	Pamela Odhiambo	Abundance, Residence Patterns, And Home Range of Indo-Pacific Bottlenose Dolphin <i>Tursiops aduncus</i> in Malindi-Watamu Mpa
34	Sarah N. Wanjohi	Meiofauna Sample Collection, Transportation, Storage and Processing Techniques
35	Daina Mathai	Application Of Free Satellite Imagery to Map Ecosystem Services in Ungwana Bay, Kenya.
36	Innocent T. Mwizerwa	Unveiling Origin, Pathways, And Fate of Poly- And Perfluoroalkyl Substances (Pfas) in the Environment
37	Justus Andati	Assessment Of Zooplankton Species Composition Along Tudor Creek in Mombasa County
38	Judith Okello	The Dynamics of The Biodiversity of Coastal Forests of Kilifi and Kwale Counties, Kenya: Local Ecological Knowledge (Lek) Perspective
39	Levy M. Otwoma	Local Knowledge Corroborates Local Extinctions and Shifting Baselines in Kenya's Exploited Reef Fishes
40	Kiteresi L. Imbayi	Rapid Assessment of Benthic Macro Litter in Critical Habitats of Kenya Coastal.
41	Boaz O. Orembo	Species Composition of Fish and Crustacean Communities of Tudor Creek, Mombasa, Kenya
42	George M. Basweti	Assessment Of Selected Water Quality Parameters and Their Effect in Aquatic Stream Ecology of Rivers Kisat and Awach Kibuo in Lake Victoria Basin with Implications on Key Indicator Organisms.
43	Kennedy O. Oduor	Assessment Of the Mangrove, <i>Sonneratia alba</i> , Fitness to Resist Wood-Borer and Associated Secondary Infestation in The Kenyan South Coast
44	Kevogo E. Milton	Termite Diversity and Decomposition Role in Gazi Bay Mangrove Forest, Kenya. A Comparative Study Between Natural and Managed Sites.
45	Bernard Kimathi	Assessment Of Sediment Characteristics and Impact on Macroinvertebrates Distribution in Lamu County
46	Teresia N. Wacira	Antifungal And Antibacterial Activities of Crude Extracts from Selected Marine Sponges Along the Kenyan Coastline
47	Joel Gatagwu	Nitrogen And Phosphorous Budgets and Their Implication on Water Quality in Thiba River Basin, A Sub-Catchment of Tana River Basin Kirinyaga County, Kenya
48	Nathan L. Mrombo	Biology And Status of <i>Epinephelus Fuscoguttatus</i> (Forssk 1775) Stocks on The Kenyan Coast
49	Amon K. Kimeli	Geomorphological Characteristics of Unnamed Undersea Features Within the Exclusive Economic Zone of Kenya
50	Okuku Eric	The Complexity of Litter Pollution in Transboundary Lakes: A Case Study of Lakes Jipe and Chala in Kenya and Tanzania
51	Kobingi Nyakeya	An Assessment of Organochlorine Pesticides in Different Functional Feeding Guilds of Macroinvertebrates and Fish in Estuarine Ecosystems in South Coast, Kenya
52	Noah N. Ngisiange	Seasonal Fish Larvae Abundance and Composition in Seagrass Habitats of Coastal East Africa

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53	James Mwaluma	Fish Recruitment in Seagrass Habitats of Watamu, Kilifi County, Kenya
54	Lillian Daudi	Establishing Baselines for Seagrass Ecosystems Priority Locally Marine Managed Areas (Lmmas) In Kiunga-Pate in Lamu Kenya
55	Fatuma Mzingirwa	Spatial And Temporal Variability in Size Structure and Some Reproductive Traits of Kawakawa and Skipjack Tuna In The Western Indian Ocean
56	Emmanuel Mbaru	Kenya's Demersal Fishery Stock Assessment Report
57	Jane Moraa Nyamora	Stock Assessment of Lutjanus Fulviflamma (Forssk Ñl, 1775) Along the Kenyan Coast to Inform Its Management
4. Oceanography and Climate Change		
58	Beatrice N. Obegi	Impacts Of Climatic Conditions on Water Quality and on The Water Levels of River Malewa , Kenya
59	Diana Mathai	Status of seafloor mapping in the West Indian Ocean region for advancing sustainable Blue Economy during the UN Decade of Ocean Science.
60	Dennis Otieno	Patterns Of Juvenile Demersal Fish Assemblages Across a Mangrove-Sea Grass-Coral Reef Continuum. A Case Study of South Coast Kenya
61	Joseph N. Kamau	Promoting And Strengthening the Sustainable Exploitation of Underwater Resources
62	Lillian Daudi	Climate Change Vulnerability Assessment of Seagrass Ecosystems in Kenya
63	Job Mwamburi	Spatio - Temporal Micro-Scale Monitoring of Limnological Conditions Within a Shallow Urban Embayment of Winam Gulf Lake Victoria, Kenya
64	Kobingi Nyakeya	Spatio-Temporal Variation in Physico-Chemical Water Quality Attributes in Estuarine Ecosystems of South Coast, Kenya
65	Athman Salim	Modeling Daily Wind Speed and Direction Using Harmonic Analysis for The Design of Seawater Greenhouse Prototype, In Kadzuhoni Kilifi County, Kenya
66	Naftaly M. Mwirigi	Long-Term Satellite Derived And In Vivo Monitoring of Cyanohabs in The Winam Gulf of Lake Victoria, Kenya.
67	Teresia N. Wacira	Diversity Of Metazoan Sponge-Associated Microbiota Isolated from Selected Marine Sponges Along the Coastline of Kenya
68	Almubarak A. Abubakar	Catch Assessment Survey Lamu County
69	Joseph K. Nyaundi	Evaluation Of Patterns and Spatial-Temporal Trends of OCPs Pesticides Residues in Surface Water from The Kuja River, Lake Victoria Basin, Kenya
5. Sustainable Fisheries and Aquaculture		
70	Anthony Kamau	Comparative Growth Performance of Marine Tilapia (<i>Oreochromis niloticus</i> , L.) Cultured in Hapa Nets at Different Stocking Densities Using Animal and Plant Protein Diets.
71	Salim Mbalaka	Harmony Below the Surface of a Shared Lake: Unveiling Lake Malawi/Niassa/Nyasa's Aquatic Richness Through a Collaborative Biomass Assessment Survey- Preliminary Findings
72	Casianes Olilo	Unlocking The Ecological Enigma: The Role of Biodiversity Dynamics in Aquatic Ecosystems in Kenya
73	Jonathan Ekiru	Changes In Fish Weight During Processing: Implications for Estimation/Reporting of Fish Production from Lake Turkana
74	Chadwick Bironga	Assessment Of the Status of Fish Bycatch in Lake Turkana to Determine Their Potential as An Alternative Source of Income
75	Venny Mziri	An Analysis of The Diversity and Prevalence of Parasites of <i>Clarias gariepinus</i> in 2 Rivers Linked with Pollution from Domestic Effluents
76	Mavindu Muthoka	Ecological implications of <i>Rastrineobola argentea</i> (omena) fishery: A rapid assessment of bycatch diversity at Dunga Beach, Lake Victoria, Kenya.
77	David O. Midumbi	The First Attempts Made Towards the Domestication of Sea Cucumbers in Kenya
78	Paul Orina	Aquaculture And Its Conservation Potential of Critically Endangered Jipe Tilapia (<i>Oreochromis jipe</i>) In Lake Jipe
79	Robert Ondiba Nyakwama	Opportunities And Challenges of Black Soldier Fly (Bsf) Larvae (<i>Hermetia illucens</i>) In Commercial Fish Feed Production - A Review
80	Douglas Okemwa	Household Waste Management and Minimization for Climate-Smart Environment: Awareness, Issues, Value and Practices
81	Chadwick Bironga	Using Community Perceptions to Assess the Sustainability of The Lake Turkana Fishery Food System
82	Job Mwamburi	Sources, Levels and Partitioning of Some Major and Minor Mobile Elements in Surficial Sediments of Nyanza Gulf (Lake Victoria Kenya)
83	James Mugo	Catch Composition of Artisanal Fishery of Lake Baringo, Kenya and Its Contributions to Some Livelihoods Aspects
84	Priscilla Boera	Management of transboundary River Basins, A case study of the Mara
85	Wankio T. Meremo	Juvenile Fish Prey Selectivity at The Littoral Zones of a Shallow

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		Bay in Lake Victoria, Kenya.
86	Judith Achoki	Evaluation On The effects of Duckweed (<i>Lemna Minor</i>) Diets on Sex Steroid Hormone Levels in Nile Tilapia (<i>Oreochromis niloticus</i> , <i>Linnaeus 1758</i>)
87	Richard Mangeni	Improving Accuracy of Dagaa Acoustic Biomass Estimation Using Random Forest and Geostatistical Methods for Ecosystem-Based Fisheries Management in Lake Victoria
88	Anntoliah C. Mkombola	Length-Weight Relationship and Condition Factor of Selected Major Fish Species in Mombasa County, Kenya
89	Kunga G. Kyumwa	Lessons Learnt By M-Pawa CBO Through the Culture of The Black Tiger Shrimp (<i>Penaeus monodon</i>)
90	Damaris N. Kinyua	The Intrigues of Billfish Fisheries as a primer to blue economy in the Western Indian Ocean
91	Orina T. Sagwe	Environmental Effects on Wild and Cage Aquaculture Nile Tilapia (<i>Oreochromis niloticus</i>) Essential Fatty Acids Build-Up in Lake Victoria, Kenya
92	Hafidh I. Otieno	Growth Pattern and Stock Assessment of Pink Ear Emperor <i>Lethrinus lentjan</i> (Lacepede, 1802) (Actinopteri, Lethrinidae) From Kenya Coral Reefs
93	David Mirera	Exploring The Mud Crab Fishery in Lamu County and Lower Tana River Basin: Opportunities for Mariculture Farming Development
94	Monica A. Owili	The Status of The Fisheries of Lake Victoria, Kenya
95	Josephine Marigu	Profiling The Status of Fish Farmers, Fishermen and Fish Traders as Direct Recipients of The Climate-Smart Solcooldry System in Kwale County, Kenya, And Their Perspectives on Fish Preservation Technologies
96	Miriam Wainaina	Comparative Growth of Rabbitfish <i>Siganus sutor</i> Reared in Recirculating and Flow Through Rearing Systems
97	Bramwel Mukaburu	Nutritional Evaluation of Termite (<i>Coptotermes formosanus</i>) Meal as an alternative Animal Protein Supplement in the Diets of Nile Tilapia (<i>Oreochromis niloticus</i> L.) Fingerlings
98	Caleb Ogwai	Emergence Of Enzootic Infestations in The Cage Culture Systems of <i>O. niloticus</i> in The Northern and Southern Parts of The Lake Victoria Kenya.
99	Kobingi Nyakeya	Endemic Lake Baringo <i>Oreochromis niloticus</i> Fishery on Verge of Collapse: Review of Causes and Strategies Towards Its Recovery, Conservation and Management for Sustainable Exploitation
100	Dorine A. Were	Variabilities In Distribution, Composition, And Abundance of Zooplankton in Open Bays and Closed Embayment of Lake Victoria's Winam Gulf, Kenya
101	Patrick M. Loki	The Status of Lake Naivasha Fisheries: Towards Sustainable Exploitation of Fisheries Resources for Food Security and Economic Development.
102	Christine G. Mwirigi	Characterization Of Macro Plastic Pollution in Saline Environments: A Case Study of Lake Turkana, Kenya
103	Jane Nyamora	Stock Assessment of <i>Lutjanus fulviflamma</i> (Forsk. 1775) Along the Kenyan Coast to Inform Its Management
104	Dorine Achieng Were	Fluctuations In the Concentration of Cyanobacteria Blooms and Their Socio-Economic Impact on The Small Fish Traders of Lake Victoria's Dunga and Homabay Beaches, Kenya
105	Jared B. Miruka	Assessment Of Phytoplankton Quotients in Kisumu Bay, Nyanza Gulf, Lake Victoria
106	Chrispine Nyamweya	Water Circulation Patterns' Implications on Suitable Sites for Cage Aquaculture in Lake Victoria
107	Elisha M. Jenoh	Social Economic Lessons from Commercialization of Seaweed Farming in The South Coast of Kenya.
108	Jonathan Munguti	Fish Diseases and Fish health Investment needs for Aquaculture in Kenya
109	Cyprian O. Odoli	Evidence On Food Loss and Waste: A Case of Kenyan Fish Value Chains
110	Priscilla Boera	Managing the Lake Victoria Fishery; A Driver Pressure State Impact Response (DPSIR) Framework approach
111	Cecilia Githukia	Nutritional Composition of Value-Added Fish Products from Selected Fish Species in Kenya
112	Julia A. Obuya	Assessing Cage Fish Farming Practices in Lake Victoria, Kenya, for Sustainable Lake Utilization and Community Well-being
113	Elijah M. Kembanya	Temperature and feeding rate affect growth and survival of <i>Oreochromis esculentus</i> fingerlings
114	Job Mwamburi,	Ubiquitous Presence of Microplastics (Mps) Into Surface Waters: A Review of Occurrence, Abundances, Spatial Distribution and Future Effects in The Surface Waters (Kenya)

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115	Chrisphine Nyamweya	The Future of African Inland Fisheries
116	Domitila N. Kyule	Molecular Characterization and Diversity of Bacteria Isolated from Fish and Fish Products Retailed in Kenyan Markets
117	Wakili Justus Omundi	Growing of seaweed under long line floating method in the Kenyan Coast
118	Alex K. Gabriel	Seaweed Production in Kenya Amid Environmental, Market And Covid-19 Pandemic Challenges
119	Gladys M. Holeh	Seaweed Research and Production in Kenya: Unveiling Opportunities and Current Research Gaps.
120	Esther W. Magondu	Growth Performance and Survival Studies of <i>Penaeus monodon</i> In Biofloc Treatments Grown with Different Carbon Sources and Reared in Tanks with and Without Sand Substrate
121	Jared Nyabeta	Does Cage Culture Influence Physico-Chemical Parameters and Phytoplankton Diversity? A Case Study on Ecological Impact of Cages in Lake Victoria Kenya.
122		
123	Emily A. Wafula	Assessment Of the Growth Performance of <i>Oreochromis niloticus</i> in A Recirculating Aquaculture System (Ras) With Biochar as A Biofilter Media At KMFRI, Kegati
124	Isaac P. Johns	Assessing Management Target Reference Points and Implications of <i>Sardinella maderensis</i> In the Coastal Waters of Liberia
125	Janet Mwangata	Estimation Of Population Parameters and Stock Assessment of Two Major Shrimps in Malindi-Ungwana Bay, Kenya.
126	Kemei Nathan	Fish Disease Surveillance and Fish Kills in Cages in Lake Victoria Kenya
127	Morine M. Ngarari	Growth Performance and Survival of Four <i>Artemia franciscana</i> Populations Subjected to Different Temperatures
128	Harriet A. Okeyo	Zooplankton Field Sample Collection and Enumeration
129	Derrick Gitari	Growth And Survival Rate of Catfish (<i>Clarias gariepinus</i>) Fry Fed on Kenyan Produced and Imported Artemia with Subsequent Weaning of Dry Feeds
130	Hilda Nyaboke	Biotic And Abiotic Drivers of Fish Diversity, Distribution and Community Structure Among Littoral Fish Assemblages in A Tropical Lake
6. Technology and Innovations		
131	Meggan Kinara	Machine learning model for mapping and monitoring of water hyacinth in Lake tctoria, Kenyan side
132	Bararunyeretse Prudence	Remote Sensing-Based Diachronic Analysis of Changes in Land Covers and Hydrographic Network in The Landscape of The Ruzizi Watershed (D.R. Congo)
133	Pauline Anyango	Comprehensive examination of security and privacy in precision agriculture technologies
134	Jackline Ollando	Tissue Culture of <i>Gracilaria verrucosa</i> for Sustainable Production of Agar in Kenya
135	Anthony Nzioka	Molecular Mechanisms Regulating <i>Follicular atresia</i> in European Hakes (<I>Merluccius merluccius</I>) And Thicklip Grey Mullet (<I>Chelon labrosus</I>) From the Southern Bay of Biscay
136	Edward Kimani	Electronic Monitoring: Pilot Study for Industrial Marine Fisheries in Kenya
137	Shungu Garaba	Towards remote sensing of floating litter in waterways, rivers and lakes
138	Kelvin Osotsi	Natural antifouling agent: Comparing the rate of inhibition between <i>Carteriospongia foliascens</i> and the orange sea sponge.
139	Stu Hamilton	High-resolution bathymetries and shorelines for the Great Lakes of the White Nile basin
140	Veronica O. Ombwa	The Potential of Whole Soya Bean Meal in Raising Nile Tilapia (<i>Oreochromis niloticus</i> , L.) Fingerlings
141	Geofrey O. Alila	A review on heavy metals uptake by Aquatic macrophytes and microbes through phytoremediation and zooremediation.
142	Emma Tebbs	Earth Observation for Enhanced Management of the African Great Lakes: The African Lake Remote Sensing (ALReS) Network
143	Tabitha A. Onyango	Engaging Citizen Science in Addressing Plastic Waste Pollution: A Case Study of the Winam Gulf in Lake Victoria, Kenya
144	Amina Makori	Acoustic Seabed Classification Using the Single Beam Echo sounder System (SBES): A Case Study on the Kenyan Territorial Zone
145	Thomas K. Mkare	Building A DNA Barcode Library for Marine Fishes of Kenya
	Akullo D. Ebong	Nutritional, sensory and shelf-life quality of tilapia and Nile perch sausages enriched with fish bone soup
146	Otieno Kenneth	Leveraging mobile technology in community-led waste circular economy for healthy ecosystems and improved livelihoods



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147	Edna Waithaka	Status of Post harvest management in Lake Naivasha Kenya
148	Patricia Simwa	Leveraging Earth Observation tools and citizen science for sustainable Blue Economy
149	Paul Kombo Nakhungu	Digital Innovations pathways in Bunyala's Blue Economy- Opportunities and Challenges for Women and Youth in Lake Victoria Region
150	Stephen Mwangi	Can Constructed Wetland Systems for wastewater treatment be innovative solutions to mitigate against landbased pollution?
151	Victor Nah	Comparison of the Shelf Life of Soft Smoked and Dry Smoked Mackerel at Refrigerated and Ambient Temperature : The Case of Liberia
152	Anthony Nzioka	Population Structure, Connectivity, And Life History Characteristics of Thicklip Grey Mullet (<I>Chelon labrosus</I>) Inhabiting Differentially Contaminated Estuaries in The Southern Bay of Biscay
153	Richard Mangeni-Sande	"Assessing the influence of light fishing technologies on catch dynamics in Lake Victoria dagaa fishery: insights, challenges, and opportunities