

## Webinar Series Agenda

8th November (2-4pm EAT / 1-3pm SAST / 11am-1pm GMT)

**The North Kenyan Banks – the new frontier for food security and economic growth**  
(including the launch of the Special Issue of OCMA East African Coastal Current ecosystems: at the frontier of climate change and food security)

<b>Time (EAT/SAST/GMT)</b>	<b>Title</b>	<b>Speaker</b>
<b>14:00/13:00/11:00</b>	Welcome and introduction to the webinar series	Katya Popova
<b>14:10/13:10/11:10</b>	Launch Ocean& Coastal Management Special Issue: "East African Coastal Current: At the Frontier of Climate Change and Food Security"	Katya Popova and Mike Roberts
<b>14:15/13:15/11:15</b>	Special Issue Overview: East African Coastal Current Ecosystems	Stuart Painter
<b>14:25/13:25/11:25</b>	Questions/Discussion	Chaired by Fatma Jebri
<b>14:30/13:30/11:30</b>	MOOC video - Introduction to the North Kenyan Bank Fishery – Does the Mysterious Upwelling Exist?	
<b>14:40/13:40/11:40</b>	North Kenya Banks ecosystem's productivity; looking into the past, present and future.	Joseph Kamau
<b>14:55/13:55/11:55</b>	Break	
<b>15:00/14:00/12:00</b>	Upwelling and productivity over the North Kenya Banks	Zoe Jacobs
<b>15:10/14:10/12:10</b>	Projected climate change impacts on marine ecosystems along the path of the East Africa Coastal Current	Katya Popova
<b>15:20/14:20/12:20</b>	Large projected declines in marine fish biomass for Kenya and Tanzania in the absence of climate mitigation	Sevrine Sailley
<b>15:30/14:30/12:30</b>	North Kenyan Banks: summary of the policy-relevant information	Katya Popova, Joseph Kamau and Damaris Mutia
<b>15:45/14:45/12:45</b>	Questions/Discussion	Chaired by Fatma Jebri
<b>15:55/14:55/12:55</b>	Closing remarks	Katya Popova

15th November (2-4pm EAT / 1-3pm SAST / 11am-1pm GMT)

**Living marine resources of the Pemba Channel – at the frontier of climate change and food security** (including the launch of the translational material for fishery management and communities)

<b>Time (EAT/SAST/GMT)</b>	<b>Title</b>	<b>Speaker</b>
<b>14:00/13:00/11:00</b>	Welcome	Katya Popova
<b>14:10/13:10/11:10</b>	MOOC Video - A Small Fish with a Big Mission: An Introduction to the Small Pelagics of the Pemba Channel	
<b>14:20/13:20/11:20</b>	Small pelagic fishery of the Pemba Channel: Perspectives, Approaches and Challenges within a Sustainability Framework	Baraka Sekadende
<b>14:35/13:35/11:35</b>	Communicating our research	Amani Becker
<b>14:45/13:45/11:45</b>	<b>Break</b>	
<b>14:50/13:50/11:50</b>	Interannual monsoon wind variability as a key driver of East African small pelagic fisheries	Fatma Jebri
<b>15:00/14:00/12:00</b>	Variability of mackerel fish catch and remotely-sensed biophysical controls in the eastern Pemba channel	Helen Kizenga
<b>15:10/14:10/12:10</b>	Questions	Chaired by Zoe Jacobs
<b>15:15/14:15/12:15</b>	Towards longer term adaptation strategies for small-scale fishers in Tanzania	Sarah Taylor
<b>15:25/14:25/12:25</b>	New insights into Pemba Channel's marine environment	Stuart Painter
<b>15:35/14:35/12:35</b>	Using ocean robots to study the marine ecosystem of the Pemba Channel	Juliane Wihsgott
<b>15:45/14:45/12:45</b>	Discussion/Questions	Chaired by Zoe Jacobs
<b>15:55/14:55/12:55</b>	Close	Katya Popova

22nd November (2-4pm EAT / 1-3pm SAST / 11am-1pm GMT)

**Environmental drivers and socio-economic consequences of the South African Chokka squid fishery collapse** (including the launch of the DSR II Special Issue "Dynamics of the Agulhas Bank, South Africa – ecosystem shifts and future trends in the squid fishery")

Time (EAT/SAST/GMT)	Title	Speaker
14:00/12:00/11:00	Welcome	Mike Roberts
14:05/13:05/11:05	Stakeholder opening remarks	
14:10/13:10/11:10	MOOC video - Introduction to the South African Squid Fishery	
14:20/13:20/11:20	SOLSTICE South Africa	Mike Roberts
14:30/13:30/11:30	Field campaign and capacity building	Margaux Noyon
14:40/13:40/11:40	Launch of Deep Sea Research Part II: Topical Studies in Oceanography" Special Issue: "Dynamics of Agulhas Bank, South Africa - ecosystem shifts and future trends in the squid fishery"	Katya Popova
14:50/13:50/11:50	Questions	Chaired by Sarah Taylor
14:55/13:55/11:55	<b>Break</b>	
15:00/14:00/12:00	Benthic turbidity and impact on squid catch	Brett Johnson
15:10/14:10/12:10	Links between squid catch variations and biophysical mechanisms in South African waters	Fatma Jebri
15:20/14:20/12:20	The role of the Agulhas Current in Chokka squid paralarvae retention on the Agulhas Bank: a particle tracking approach	Zoe Jacobs
15:30/14:30/12:30	Agulhas Current Upwelling Drives increasing Deoxygenation of African Coastal Seas	Juliane Wihsgott
15:40/13:40/12:40	Questions/Discussion	
15:55/13:55/12:55	Closing remarks	Mike Roberts

29th November (2-4pm EAT / 1-3pm SAST / 11am-1pm GMT)

**Marine technologies for ocean sustainability and the Massive Open Online Course “Ocean Science in Action”**

Time (EAT/SAST/GMT)	Title	Speaker
14:00/13:00/11:00	Welcome	Katya Popova
14:10/13:10/11:10	Massive Open Online Course “Ocean Science in Action”	Zoe Jacobs
14:20/13:20/11:20	MOOC video - A day in the life of the marine robotics team	
14:25/13:25/11:25	Using marine robots for marine management and conservation in the Western Indian Ocean	Kennedy Osuka
14:40/13:40/11:40	Enhancing Western Indian Ocean readiness for marine robots	Matthew Palmer
14:55/13:55/11:55	Questions	Chaired by Juliane Wihsgott
15:00/14:00/12:00	<b>Break</b>	
15:10/14:10/12:10	Modelling WIO upwelling systems: at the cross-roads of ocean dynamics and socio-economics	Katya Popova
15:20/14:20/12:20	Agulhas influence on the Agulhas Bank phytoplankton biomass during seasonal upwelling : a Machine Learning and Remote Sensing approach	Fatma Jebri
15:30/14:30/12:30	Preparing for climate change: challenges and opportunities for conservation, artisanal fisheries and seaweed harvesting	Ana Queiros
15:40/14:40/12:40	Questions	Chaired by Juliane Wihsgott
15:50/14:50/12:50	Summary of readiness and close	Katya Popova