

# Contemporary Evolution of African Floodplains and Deltas

Dar es Salaam, Tanzania 27 - 30 May 2014

The downstream part of river basins are characterised by complex and productive hydrosystems: lower floodplains and deltas. They support many human activities (recession agriculture, livestock keeping, fisheries, forestry...) that are linked to the flooding of the river and conducted according to season-based resource use calendars.

All over the planet, but especially in Africa, floodplains and deltas are undergoing a rapid evolution. Current drivers of change include climate change, modification of the flooding pattern due to dam-building and increased water abstraction upstream, land-use changes in the catchment, transformation to large-scale irrigation or aquaculture systems. Their level of integration into the global economy and their demography also exert a major influence on their evolution. How do these drivers affect the delivery of ecosystem services? Who are the winners and who are the losers of the transformations?

Policies on deltas and floodplains also differ: some wetlands are simply converted into large-scale agricultural fields. Elsewhere, biodiversity values or the recognition of a strong cultural identity contribute to the maintenance of their specific wetland character under various protected area governance and management models. How do these management systems acknowledge complexity while coping with all the drivers of change?

During the 3-day conference, researchers will seek to analyze and compare the current evolution of several African deltas and floodplains and will explore scenarios for the future.

# PROGRAMME

# Tuesday 27 May: Recent evolution of flooding patterns

8:00 - 9:45	Opening
9:45 - 12:30	Session 1: Impact of flood pattern change with case studies from Sudan, Senegal, Cameroon, Mali, Kenya, presented by Khalid HASSABALLAH, Jean ALBERGEL, Saidou KARI, Agnès RENARD-TOUMI and Jérémie ROQUES
13:30 - 15:00	Session 2: Pollution issues with case studies from South Africa and Senegal by Nico SMIT, Janse VAN VUREN, Victor WEPENER and Cheikh DIOP
15:30 - 17:00	Session 3: Carbon and Sediment with case studies from Kenya presented by Fred OMENGO, Naomi GEERAERT and Fredrick TAMOOH

# Wednesday 28 May: Sharing natural resources in a multi-user context

8:00 - 9:00	Institutional presentations: CRDI-BTC-IRA
9:00 - 12:30	Session 4: Resource access and governance with case studies from Uganda, Mali, Ethiopia, Botswana, Tanzania presented by Claire MEDARD, Valérie GOLAZ, Famory SINABA, Kenneth IRVINE, Joyce LEPETU, Tigist WONDIMU, Keta MOSEPELE, John BALARIN and Ali KOMBO
13:30 - 15:15	Session 5: Mangrove dynamics with case studies from Mozambique, Senegal, Kenya presented by Shukuru NJATI, Marie Christine CORMIER-SALEM, Bernard KIRUI and El Hadji DIEYE
15:45 - 17:30	Session 6: Tanzanian wetlands with presentations by Olivier HAMERLYNCK, Catherine MASAO, Happyness NYAMBO and James RICHARD

# Thursday 29 May: The future of African floodplains and deltas

8:00 - 9:00	Institutional presentations: IRD- KENWEB - PATEO
9:00 - 12:30	Session 7: Scenarios for the Tana and Senegal deltas with presentations by Wanja NYINGI, Stéphanie DUVAIL, Julie MULONGA, Labaly TOURE, Mathilde FABRE and Zeine OULD SIDATY
13:30 - 14:45	Session 8: Coastal Dynamics with case studies from Ghana, Egypt, Senegal presented by Kwasi ADDO- APPEANING, Abbas AFIFY, Sayed ARAFAT, Elhma ALI and Edward ANTHONY
14:45 - 16:00	Poster Session
16:00 - 17:30	Wrap-up session: Sharing the lessons learned with decision-makers with panel and debate on contemporary evolution of African deltas
17:30 - 19:30	Closure and cocktail

## REGISTRATION

# Registration for the scientific sessions 27 to 29 May

Registration fees (lunch and tea included):

Students and representatives from local CBOs
 Researchers and other professionals
 Field excursion on May 30th to Rufiji floodplain

Registration to be made by bank transfer to IRA bank account, please send an email at africandeltas@gmail.com for bank details. Alternatively on-site registration will be opened at Coral Beach Hotel on Monday 26 May, 16:00 - 19:30

# Registration for the wrap-up session on 29 May afternoon 'Sharing the lessons learned with decision-makers'

No registration fees, on invitation only.

Please send an email to africandeltas@gmail.com

# **VENUE**

# Vacht Club Beach Club

# **Coral Beach Hotel**

Coral Lane, Masaki, Msasani Peninsula, Dar es Salaam. Website: http://www.coralbeach-tz.com/

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# Organizing committee:

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### Scientific committee:

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# The event is organized with the support of:

