



NSF CREST-CENTER FOR THE INTEGRATED STUDY OF COASTAL ECOSYSTEM PROCESSES AND DYNAMICS IN THE MID-ATLANTIC

A Symposium on the mid-Atlantic Coastal Lagoons: Biodiversity, Habitat Changes and Impacts of Human Activities and Climate Variability

SCHEDULE

Date: Tuesday, May 30th, 2017

Venue: Paul S. Sarbanes Coastal Ecology Center, Assateague Island, MD 11802, March View Lane, Berlin, MD 21811

Morning Session (8:30 am to 12:00 pm)

8:30 – 8:50 am	Welcome Remarks and Overview of the CREST-CISCEP Research and Education Programs	P. Chigbu (UMES)
----------------	--	------------------

Water Quality Dynamics in the MCBs in relation to land use and climate variability: Monitoring and modeling

8:50 to 9:10 am	Prevalence and Antimicrobial Resistance of <i>Vibrios</i> recovered from blue crabs, seawater and sediments of the MCBs	S. Parveen (UMES)
-----------------	---	-------------------

9:10 – 9:30 am	Climate Variability and Exchange of Materials between MCBs and Coastal Ocean	M. Sexton (UMES)
----------------	--	------------------

9:30 – 9:50 am	How numerical modeling helps us to understand the MCBs dynamics	M. Xia (UMES)
----------------	---	---------------

9:50 – 10:10 am	An Evaluation and Modeling of Exchange Rates Between Dead End Canals and the Coastal Bays	E.B. May (UMES)
-----------------	---	-----------------

10:10 – 10:20 am	Break	
------------------	-------	--

10:20 – 10:40 am	Investigating Saltmarsh Habitat of Delaware Estuarine Research Reserve and Climate Change and Land Use Impacts	G. Ozbay (DSU)
------------------	--	----------------

10:40 – 11:00 am	Spatial and temporal variations of $\delta^{15}\text{N}$ and $\delta^{13}\text{C}$ in suspended particulate organic matter in the MCBs	B.O. Edje (UMES)
------------------	--	------------------

Phytoplankton and Zooplankton Ecology in Mid-Atlantic Coastal Lagoons

11:00 – 11:20 am	Spatial and temporal patterns of phytoplankton composition and abundance in MCBs	F.O. Oseji (UMES)
------------------	--	-------------------

11:20 – 11:40 am	Ecological investigations of parasitic and free-living dinoflagellates in the MCBs	J.S. Pitula (UMES)
------------------	--	--------------------

11:40 am – 12:00 pm	Dynamics of mesozooplankton assemblages in MCBs with emphasis on copepods and crab zoea	E.U. Oghenekaro (UMES)
---------------------	---	------------------------

12:00 – 1:20 pm	Lunch	
-----------------	-------	--

Afternoon Session (1:20 – 4:00pm)

Macroinvertebrates, Food Web Dynamics and Essential Habitats of Fishes in the MCBs

1:20 – 1:40 pm	Diversity of benthic macroinvertebrates in the MCBs	A. Morales-Nunez (UMES)
----------------	---	-------------------------

1:40 – 2:00 pm	Climate Variability and Food web dynamics in the MCBs	A.B. Ishaque (UMES)
----------------	---	---------------------

2:00 – 2:20 pm	The role of Mysids in the trophic ecology of fishes in the MCBs	E.D. Mayor (UMES)
----------------	---	-------------------

2:20 – 2:40 pm	Finfish sampling in the Maryland Coastal Bays	S. Doctor (MD DNR)
----------------	---	--------------------

2:40 – 3:00 pm	Initial Steps in Restoring the St Martins River	R. Jesien (MCBP)
----------------	---	------------------

3:00 – 3:20 pm	Summer flounder and Spot distribution, recruitment and growth in the MCBs	P. Chigbu (UMES)
----------------	---	------------------

3:20 – 3:40 pm	SEEL and CMARS Programs	P. Goslee (UMES)
----------------	-------------------------	------------------

3:40 – 4:00 pm	Discussion & Closing Remarks	
----------------	------------------------------	--

4:00 pm	Depart	
---------	--------	--