

**National Conference on “Integrating Biogeochemistry and Ecosystems in a Changing Oceanic Environment”**

**KUFOS-INCOIS CENTRE,**

**Kerala University of Fisheries and Ocean Studies (KUFOS).**

**Panangad, Ernakulam, Kerala- 682506.**

**17-18 January, 2019**

**List of accepted abstracts**

Sr. No.	Title of the paper	List of authors	Affiliation of authors	Email	Session	Mode of presentation	Selected for flash presentation
1	Nitrous oxide contribution from Mangalavanam coastal wetland, Kerala	Regina Hershey N, S. Bijoyndandan and Neelimavasu K.	1)PG and Research Dept. Of Zoology, N.S.S Hindu College, Changanassery 686 102, India 2)Dept. Of Marine Biology, Microbiology and Biochemistry, School of Marine Sciences 3)Cochin University of Science and Technology, Cochin 682 016, India	reginahershey@gmail.com	2	Poster	Y
2	Dynamics of phytoplankton based carbon in cochin estuary	Haripraved P, Meenu P D, Krishnapriya P.P, S. Bijoyndandan	Department of Marine Biology, Microbiology & Biochemistry School of Marine Sciences, Lake Side campus, Cochin University of Science and Technology, Cochin 682016	Praved.hari07@gmail.com	1	Poster	
3	A study on the effect of astaxanthin in fresh water ornamental fish koi carp using erythrocyte count (rbcs) before and after stress	Devaji Lalaji Chauhan, Devika Pillai, Ansar. C.P. and Mubarak M	Kerala university of fisheries and ocean studies, panangad, kochi, kerala, india - 682506.	Ansarcp81@gmail.com	3	Poster	
4	Simulation of nutrient dynamics in coastal environment at tarapore, mumbai, maharashtra	R Manivanan, H C Patil, J D Agrawal	Central Water and Power Research Station, Khadakwasla Research Station, Pune 411 024	Vananrmani@rediffmail.com	1	Oral	
5	Development & implementation of a multi-component Ecosystem model With linkage between lower & upper trophic levels for the Northern indian ocean (nio) & its applications.	Anju Mallissery, Sreeush M. G ,Vinu Valsala, B.R. Smitha And G Bharathi	1 )Indian Institute of Tropical Meteorology, Pune, India 2) Center for Marine Living Resources & Ecosystem , Kochi, India 3) Dept. Of Meteorology & Oceanography, Andhra University, Visakhapatnam, India.	Anjungara03121992@gmail.com	1	Oral	
6	Real time physical, chemical and biological data collection By “sagar avalokan 2” at near shore upwelling and gosthani River run off at bheemunipatnam coast to validate fish	Teppalavikranth, Rajesh killampalli	Department of Meteorology and Oceanography Andhra University, Visakhapatnam, Andhra Pradesh, India.	vikranth.teppala@gmail.com	3	Poster	

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7	Marine eco system exploration near shipwreck location at Baruva coast by 'rov soniya'	Teppalavikranth, Killampalli Rajesh	Department of Meteorology and Oceanography Andhra University, Visakhapatnam, Andhra Pradesh, India.	vikranth.teppala@gmail.com	2	Poster	
8	Evaluation of satellite based potential fishing zone at Visakhapatnam coast by "matsya anveshika" platform	Teppalavikranth, Killampalli Rajesh	Department of Meteorology and Oceanography Andhra University, Visakhapatnam, Andhra Pradesh, India.	Vikranth.teppala@gmail.com	3	Poster	
9	Microzooplankton community structure in response to an event of gelatinous swarm in the coastal waters of sundarban mangrove	Aisheebhowal, Jasmine Purushothaman, Alfisasiddique, Smruthu Mohan	Zoological Survey of India, M Block, New Alipore, Kolkata 700053, India	Ashleyaishee93@gmail.com	2	Poster	
10	Study of ocean pH variability from 1961-2010 in indo-pacific ocean using paleo-ocean pH records from boron isotope ratio and model	Kunalmadkaiker, M G Sreeush, Vinu Valsala		Kunalmadkaiker@gmail.com	1	Poster	Y
11	Environmental interaction of gelatinous zooplankton swarm in the pelagic food web of sundarbans	Alfisasiddique, Jasmine Purushothaman, Aisheebhowal, Smruthu Mohan	Zoological Survey of India, M Block, New Alipore, Kolkata 700053, India	Alfisas44@gmail.com	2	Poster	Y
12	Export of dissolved inorganic carbon to the Northern Indian Ocean from the Indian Monsoonal rivers	M.H.K. Prasad, M. S. Krishna and V.V.S.S. Sarma	CSIR-National Institute of Oceanography, Regional Centre, Visakhapatnam – 530 017	Dattuhari@gmail.com	2	Oral	
13	Qualitative & Quantitative relationship assessment of Upwelling dynamics, Productivity and pelagic catch by satellite data of Southwest coast, India	T. Mayur, J. Jayasankar, Vivekanand Bharti and Phiros Shah	Kerala University of Fisheries & Ocean Studies, Panangad, Kochi, 682 506, India	Mayur.tade@gmail.com	1	Poster	Y
14	Sediment dynamics, composition and distribution along the port blair coast, india	Jawed Equbal, Raj kiranlakra, M. Savurirajan, Kunal Satyam, Ganesh Thiruchitrabalam	Department of Ocean Studies and Marine Biology, Pondicherry University, Brookshabad Campus, Port Blair. Andaman Islands. 744112, India.	Bangedarkhudi@gmail.com	1	Poster	
15	Assessment of the ROMS simulated biogeochemical dynamics in the indian coastal waters	Vishnu Narayanan Nampoothiri, Kunal Chakraborty	1)Centre for Marine Living Resources and Ecology (CMLRE), Kochi-682037, India 2 )Indian National Centre for Ocean Information Services (INCOIS), Hyderabad-500090, India.	Vish4well@gmail.com	1	Poster	Y
16	A comparitive study of physico-chemical parameters of cochin estuary and chilika lagoon.	Gayathri R and V rangarao	National Centre for Coastal Research NIOT Campus,Pallikaranai,Chennai-600100.	Gayathri199172@gmail.com	1	Oral	
17	Temporal variations in the concentration of metals in vembnad lake in relation to 2018 flood	Adithya Suthan, Princy M John, Anu Gopinath	Kerala University of Fisheries and ocean Studies, Kochi.	Chenthara49@gmail.com	2	Poster	Y
18	A comparative nutrient dynamics of an open and semi-enclosed estuary on the eastcoast of India.	Jayashree Ghosh and Kunal Chakraborty	Indian National Centre for Ocean Information Services, Ocean Valley, Pragathinagar (BO),	Jayashreeg492@gmail.com	1	Oral	

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20	Humification rate in Kerala Mangroves – Assessment of Spatial and Temporal variations using UV-Visible Spectroscopy	Jennees Mathew, Anu Gopinath, Rosily A.V., Sanil V.L	Kerala University of Fisheries and ocean Studies, Kochi.	Jenniscsn1986@gmail.com	2	Poster	
21	Distribution of Associated Biogeochemical Parameters of Carbonate system And air-sea Exchange of CO2 In the east Equatorial indian Ocean	Madhusudan Paul, Kunal Chakraborty, Sandip Kumar, Mukhopadhyay	1)Department of Marine Science, University of Calcutta, Kolkata, India 2)Indian National Centre for Ocean Information Services (INCOIS), (Ministry of Earth Sciences, Government of India) Hyderabad, India.	<a href="mailto:Skm.caluniv@gmail.com">Skm.caluniv@gmail.com</a>	2	Oral	
22	A study on the biochemical composition of Arctic kongsfjorden sediments	Aswathy Shaji, Jennees Mathew and Anu Gopinath	School of Ocean Science & Technology, Kerala University of Fisheries and Ocean Studies, Kochi, India.	Aswathyshaji10293@gmail.com	2	Poster	
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24	CDOM – an optical tool to assess the biogeochemical cycling in the estuary	Grinson George, Sajhunneesa Thirunilath, Pranav P., Chandramohan T., Anju Lal, Sara Xavier, Anas Abdul Aziz and Nandini Menon	1)Fishery Resources Assessment Division, ICAR-Central Marine Fisheries Research Institute, Kochi- 682018, India 2)Department of Aquatic Environment Management, Kerala University of Fisheries and Ocean Studies, Panangad, Kochi- 682506, India 3)CSIR - National Institute of Oceanography, Regional Centre, Kochi- 682018, India 4)Nansen Environmental Research Centre (India), Amenity Centre, KUFOS, Kochi-682506, India	Nandinimenon@yahoo.com	1	Poster	Y
25	The influence of increased warming on the dissolved oxygen concentration in the eastern Arabian Sea : a modeling approach	Syam Sankar, Smitha. A, Nandinimenon N	Nansen Environmental Research Centre India, KUFOS Amenity Centre, Kochi - 682506, India	Nandinimenon@yahoo.com	1	Poster	Y
26	Time series analysis of the recurring bloom in North Eastern Arabian Sea	Midhun Shah Hussain, Smitha B. R., A. A. Mohamed Hatha	1) Department of Marine Biology, Microbiology and Biochemistry, Cochin University of Science and Technology, Kochi 2) Center for Marine Living Resources and Ecology, Ministry of Earth Sciences, Kochi	Smitha@cmlre.gov.in	1	Poster	Y

27	Spatial variations of non-algal particles and CDOM in the coastal and open ocean waters off Kochi, South Eastern Arabian Sea: Implications for light absorption budget of the water column and biogeochemistry.	Mariya D., Anupama Raj, S S. Shaju, N.V. Harikrishnachari, S. Arya, B. Bikram Reddy, K. Naseera, C. V. Ramu, Anilkumar Vijayan, G.V.M. Gupta	Centre for Marine Living Resources and Ecology, Ministry of Earth science, Cochin.	Shaju.peringam mala@gmail.com	2	Poster	
28	An unusual occurrence of Trichodesmium bloom in the lagoon of Minicoy Island, Lakshadweep	Geethu Mohan and S.M. Raffi	Dept. Of Aquatic Environment Management Faculty of Fisheries Kerala University of Fisheries and Ocean Studies Panangad-682506, Kerala	Raffi_cas@yahoo.co.in	2	Poster	Y
29	Current status of research on species distribution modeling of marine species	Anakha M., Sreenath k. R. and Joshi K. K.	1)Academy of climate change education and research, kerala agricultural university, thrissur-56 2)ICAR-Central Marine Fisheries Research Institute, Kochi-18	Anakhasarga@gmail.com	3	Poster	
30	Bulk Organic Matter Profile in a Tropical Mangrove Ecosystem of Cochin, Kerala, Southwest Coast of India	Anu Susan Cheriyan, Moushmi K S, Chandramohana Kumar N	Department of Chemical Oceanography, School of Marine Sciences, Cochin University of Science and Technology, Kochi-16	Anususanmeppokkil@gmail.com	2	Poster	Y
31	Cyclone induced Chlorophyll-a bloom in the Arabian Sea in 1997—2015	Sunanda N, J. Kuttippurath and M. V. Martin	1)CORAL, Indian Institute of Technology Kharagpur, 721302 India. 2)National Institute of Ocean Technology, Chennai, India.	Jayan@coral.iitkgp.ac.in	2	Poster	
32	Mapping vulnerability of coastal villages of Karnataka towards sea level rise	Haritha V. S.,Sreenath K. R., Joshi K .K.	1)Kerala University of Fisheries and ocean Studies, Kochi.	Harithavsurenndran@gmail.com	2	Poster	Y
33	Phytoplankton size classes in coastal waters of northwestern Bay of Bengal using in situ and satellite data	Joereen Miranda, Amit Kumar Jena, S.K.Baliarsingh, K.C.Sahu, T. Srinivasa Kumar and Aneesh A. Lotliker	1)Department of Marine Sciences, Berhampur University, Ganjam, Odisha 760007 2)Indian National Centre for Ocean Information Services (INCOIS), Pragathi Nagar (BO), Nizampet (SO), Hyderabad 500 090 3)UNESCO IOC Perth Regional Programme Office, 6872 West Perth, Australia	Joereen@gmail.com	1	Poster	
34	Climate change impact and forecasting the vagaries of primary production in the eastern Arabian Sea	A.S. Pooja, Phiros Shah, Muhammad Shafeeque, Akash S., Mini K.G., Sathianandan, T.V., Nameer P.O., grinson George	1)Academy of Climate Change Education and Research, Kerala Agricultural University, Thrissur-56 2)ICAR-Central Marine Fisheries Research Institute, Kochi-18	<a href="mailto:grinsongeorge@gmail.com">grinsongeorge@gmail.com</a>	1	Poster	