



Gujarat Institute of Desert Ecology

National Symposium

on

Marine Bioresources and Coastal Livelihoods (NSMBCL)

Date: 4 -5, March 2016

Venue: Court Hall, K.S.K.V. Kachchh University

PROGRAMME

Day 1 : 4 th March 2016	
8.30 – 9.30	Registration
Inaugural Session	
09.30 – 09.35	Prayer Song Lighting of lamp
09.35 – 09.45	Welcome address : The Chairman, GUIDE
09.45 – 09.55	Address: Sh. Shyamal Tikadar, Director, MNP & S, Jamnagar
09.55 – 10.05	Address : Dr. C. B. Jadeja, Vice-Chancellor, K. S. K. V. Kachchh University
10.05 – 10.15	Keynote address : Dr. Yugraj Singh Yadava, Head - Bay of Bengal Programme Inter-Governmental Organisation (BOBP-IGO), Chennai
10.15 – 10.25	Guest Address: Prof. Uriel. N. Safriel, Israel
10.25 – 10.35	Presidential Address: Principal Secretary, Forest & Environment, Government of Gujarat
10.35 – 10.40	Book release ceremony by the Guests
10.40 – 11.00	High Tea

Technical Session – I : Marine Bioresources and their Sustainable Management	
Chairperson: Prof. S. Ajmal Khan, Emeritus Professor, CAS in Marine Biology, Annamalai University, Parangipettai, Tamilnadu	Rapporteur : Dr. B. Anjan Kumar Prusty, Senior Scientist, GUIDE
11.00 – 11.30	Approaches to management of marine fisheries in India Dr. Yugraj Singh Yadava, Head - Bay of Bengal Programme Inter-Governmental Organisation (BOBP-IGO), Chennai
11.30 – 12.00	Integrated Coastal Zone Management Project, Gujarat: Initiatives and Actions A.C. Sampat, Director, Gujarat Ecology Commission, Gandhinagar, Gujarat
12.00 – 12.20	Invited Lecture : Sustainable Management of Coastal Bioresources and Biodiversity - Dr. V. Selvam, Executive Director, M.S. Swaminathan Research Foundation (MSSRF), Chennai
OP01 12.20 – 12.30	Clownfish Aquaculture: Adaptation For Entrepreneurship Promotion and Marine Biodiversity Conservation – Dr. T. T. Ajith Kumar
OP02 12.30 – 12.40	Introducing the Bycatch Reduction Devices (BRDs) in Trawl Gear: A Sustainable Fishing Tool – Mr. Ajaj H. Ishakani



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OP03 12.40 – 12.50	Identification of fish stocks based on Truss Morphometric: An overview – Ms. Shobha Rawat	
OP04 12.50 – 13.00	Diversity of endophytic fungal strains isolated from salt marsh plants of Vellar estuary, south east coast of India – Prof. M. Srinivasan	
OP05 13.00 – 13.10	DNA Barcoding of <i>Ammonia sp.</i> from Kachchh Coast, Gujarat – Dr. Mrugesh H. Trivedi	
13.10 – 14.10	Lunch	
OP06 14.10 – 14.20	Molecular systematic of Calanoid Copepod <i>Acartia erythraea</i> – Dr. M. Gomathi Jeyam	
OP07 14.20 – 14.30	Impact of Human Race on Coastal Tourism in India: A Review – Mr. K.G. Baraiya	
OP08 14.30 – 14.40	Assessment of antimicrobial potential of endophytic microorganisms isolated from the mangrove, <i>Avicennia marina</i> of Mundra, Gujarat – Mr. Jigar Solanki	
Technical Session – II : Recent development in aquaculture and vulnerability reduction		
Chairperson: Prof. S. Bijoy Nandan, Dept. of Marine Biology Microbiology & Biochemistry, School of Marine Sciences, Cochin University of Science and Technology, Cochin, Kerala		Rapporteur: Dr. Suhas J. Vyas, Assistant Professor, Dept. of Earth & Env. Sciences, K. S. K. V. Kachchh University, Bhuj,, Gujarat
14.40 – 15.00	Invited Lecture : Recent development in aquaculture and vulnerability reduction Prof. Mohini Gadhia, Head - Department of Aquatic Biology, Veer Narmad South Gujarat University, Surat	
OP09 15.00 – 15.10	Brackish water aquaculture as livelihood option for coastal populace in India - Dr. C. Gopal	
OP10 15.10 – 15.20	Brackish water aquaculture for food, employment and blue economy – Dr. V. S. Chandrasekaran	
OP11 15.20 – 15.30	Integrated multi-trophic aquaculture eco-friendly approach: A Review – Mr. M. R. Patel	
OP12 15.30 – 15.40	Two-phase culture system for sustainable and profitable black tiger, <i>P. monodon</i> shrimp farming – Mr. Udaya Sankar Sethi	
15.40 – 16.10	Tea Poster Session Presentation	
Technical Session III: Climate Change and Coastal Resources Management through GIS		
Chairperson: Dr. C. Gopal, Principal Scientist, HOD, Crustacean Culture Division, Central Institute of Brackish water Aquaculture, Chennai		Rapporteur: Dr. Mrugesh. H. Trivedi, Assistant Professor, Dept. of Earth & Env. Sciences, K. S. K. V. Kachchh University, Bhuj, Gujarat
16.10 – 16.30	Invited Lecture: Impact of climate change on the coastal ecosystems of India Dr. Anjali Bahuguna, Former Scientist, Space Applications Centre (ISRO), Managing Director	



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	SPERF
OP25 16.30 – 16.40	Evaluation of land Use / land cover changes in Mundra, Kachchh through Remote sensing and GIS analysis – Ms. Kajal Joshi
Day 2: 5th March 2016	
Technical Session – IV : Environmental Impact and Health Aspects of Aquatic Organisms	
Chairperson: Dr. V. Selvam, Executive Director, M.S. Swaminathan Research Foundation, Chennai	Rapporteur : Dr. Rachna Chandra, Senior Scientist, GUIDE
IL-03 09.30 – 09.50	Invited Lecture : Ecological indicators for assessment of Environmental impact and health of Coastal ecosystems. Prof. S. Ajmal Khan, Emeritus Professor, CAS in Marine Biology, Annamalai University, Parangipettai, Tamilnadu
OP13 09.50 – 10.00	Distribution of Cadmium and Lead in water, sediment and fish from Tapi estuary, Gujarat – Dr. Ranjana Surana
OP14 10.00 – 10.10	Assessment of environmental impact of silver nanoparticles using Zebrafish as model system - Mr. R. Ramachandran
OP17 10.10 – 10.20	Species specific PCR accurate and rapid method for identification closely related <i>Vibrios</i> in coastal aquaculture – Dr. Soumya Haldar
OP16 10.20 – 10.30	DNA barcoding of macrobenthos - A fast moving tool for assessing the health of a marine ecosystem – Mr. S. Sivaraj
OP15 10.30 – 10.40	Accumulation of Mineral Ions in Succulent Species Growing in Kachchh Region – Dr. Suhas J. Vyas
Technical Session – V : Mangroves and Livelihood Opportunities	
Chairperson: Dr. Yugraj Singh Yadava, Head - Bay of Bengal Programme Inter-Governmental Organisation, Chennai	Rapporteur : Dr. Arun Kumar Roy Mahato, Scientist, GUIDE
IL-04 10.40 – 11.00	Invited Lecture: Mangroves And Livelihoods: Current Perspectives Dr. Dharmendra Shah, Department of Botany, Faculty of Science, The M. S. University of Baroda, Vadodara, Gujarat
11.00 – 11.30	Tea Poster Session
OP18 11.30 – 11.40	Legal issues in planning for community participation for livelihood generation in mangrove forests: A Case study of Saurashtra Coast – Mr. Jaydev Nansey
OP19 11.40 – 11.50	Mangrove Plantation Initiatives in Kachchh-An Overview – Dr. Amol Ashok Sawale



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OP20 11.50 - 12.00	Exploring mangroves as livelihood option in coastal zones of Kachchh, Gujarat, India – Ms. Seema. B. Sharma
Technical Session VI: Coastal and Marine Ecosystem Services	
Chairperson: Prof. Mohini Gadha, Head, Department of Aquatic Biology, V. N. S. G. University, Surat, Gujarat	Rapporteur: Dr. Jayesh. B. Bhatt, Scientist, GUIDE
12.00 - 12.30	Sea and Coast as Ecosystems – Services and their Assessment – A Case study from Israel Prof. Uriel. N. Safriel, Professor Emeritus of Biology, The Hebrew University of Jerusalem, Israel
IL - 05 12.30 - 12.50	Invited Lecture: Coastal and Marine Ecosystem Services Prof. S. Bijoy Nandan, Dept. of Marine Biology Microbiology & Biochemistry, Cochin University of Science and Technology
OP21 12.50 - 13.00	Assessment of village pond for sustainable aquaculture practices – Mr. Ekhalak Ansari
OP22 13.00 - 13.10	Diversity of microalgae and their role in salt production from solar salt pan of Tuticorin, Southeast coast of India – Mr. T. Santhanakrishnan
OP23 13.10 - 13.20	Livelihood assessment of the coastal fishing communities in south Gujarat – Dr. Jayendra Lakhmapurkar
OP24 13.20 - 13.30	Ecosystem services and subsurface architecture by brachyuran crabs and allied community – Dr. Pranav J. Pandya
13.30 - 14.30	Lunch
14.30 - 15.30	Discussion and Summing up <i>Chairperson:</i> Prof. Uriel. N. Safriel, Professor Emeritus of Biology, The Hebrew University of Jerusalem, Israel
15.30 - 16.00	Valedictory Function: Best Paper Awards Distribution of Certificates Feedback from Delegates & Participants
Vote of Thanks : Dr. K. Karthikeyan, Scientist & Organizing Secretary, NSMBCL	