



**India - Russia
Scientific Conference
Marine Biology Biodiversity and Blue Economy
27-28 October 2021
10.00 (MSC) / 12.30 (IST) / 17.00 (VLAT) time onwards
2.30 + MSC = IST
7.00 + MSC = VLAT**

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27 October, Wednesday	
09:30 MSC 12:00 IST 16.30 VLAT	<p>STUDIO ROOM OPENS</p> <ul style="list-style-type: none"> ● Staff officers from Russian and Indian sides log on, and IT Support log on ● Audio/Visual Check
09:50 MSC 12:20 IST 16.50 VLAT	<p>STUDIO ROOM OPENS TO PUBLIC</p> <ul style="list-style-type: none"> ● All speakers and staff from Russian and Indian sides in place ● Registered participants allowed to enter
10.00 - 10.20 MSC 12:30 - 12:50 IST 17.00 - 17.20 VLAT	<p>Welcome speeches:</p> <p><i>Prof Andrey Adrianov</i>, Vice-President of the Russian Academy of Sciences, Scientific Supervisor (President) of A.V. Zhirmunsky National Scientific Centre of Marine Biology, Far Eastern Branch, Russian Academy of Sciences (NSCMB FEB RAS), Academician of RAS</p> <p><i>Dr M. Ravichandran</i>, PhD (Physics), Secretary, Ministry of Earth Sciences (MoES), Government of India</p>
Session 1 – Marine Biodiversity and Ecosystem Functioning	
<p>Chairperson/Moderator: Dr Konstantin A. Lutaenko, PhD, Leading Researcher of the Laboratory of Systematics and Morphology of A.V. Zhirmunsky National Scientific Center of Marine Biology FEB RAS, Vladivostok</p>	
10.20 – 10.40 MSC 12:50 - 13:10 IST 17.20 – 17.40 VLAT	<p>Dr Dmitry Pitruk, PhD., Assistant to Director in Biological Issues of "Primorsky Oceanarium" - Branch of the A.V. Zhirmunsky National Scientific Center of Marine Biology FEB RAS, Vladivostok</p> <p>pitruk@mail.ru</p> <p><i>"The activities of the Primorsky Aquarium in the conservation of marine biological diversity"</i></p>

10.40 – 11.00 MSC 13.10 – 13.30 IST 17.40 – 18.00 VLAT	Dr Jyothibabu R. , PhD, Principal Scientist; CSIR-National Institute of Oceanography (CSIR-NIO)-Kochi rjyothibabu@nio.org <i>“Ecosystem science for the conservation of the Gulf of Mannar”</i>
11.00 – 11.20 MSC 13:30 – 13:50 IST 18.00 – 18.20 VLAT	Dr Julia K. Zograf , PhD, Principal Researcher of the Laboratory of Embryology of A.V. Zhirmunsky National Scientific Center of Marine Biology FEB RAS, Vladivostok zofulia@yandex.ru <i>“Nematodes of Piip submarine volcano (the Bering Sea, Russia)”</i>
11.20 – 11.40 MSC 13.50 – 14:10 IST 18.20 – 18.40 VLAT	Dr P. Mishra , Scientist F, National Center for Coastal Research (NCCR), Ministry Earth Sciences mishra@nccr.gov.in <i>“Assessment of Marine Litter and Microplastics Pollution along the Indian Coast”</i>
11.40 – 12.00 MSC 14:10 – 14:30 IST 18.40 – 19.00 VLAT	Dr Konstantin A. Lutaenko , PhD, Leading Researcher of the Laboratory of Systematics and Morphology of A.V. Zhirmunsky National Scientific Center of Marine Biology FEB RAS, Vladivostok lutaenko@mail.ru <i>“Past migrations and ongoing and expected changes of marine biotas in the Sea of Japan”</i>
12.00 – 12.20 MSC 14.30 – 14.50 IST 19.00 – 19.20 VLAT	Dr Sherine Sonia Cubelio , Scientist-E, Centre for Marine Living Resources & Ecology (CMLRE), MoES sherine@cmlre.gov.in <i>“Marine Living Resources in India - Trends and Status”</i>
12.20 – 12.40 MSC 14:50 – 15:10 IST 19.20 – 19.40 VLAT	Dr Diana V. Solovyeva , Leading Researcher of the Laboratory of Ornithology of the Institute of Biological Problems of the North FEB RAS, Magadan diana_solovyova@mail.ru <i>“Chaun Bay (East-Siberian Sea) ecosystem as related to birds of conservation concern and application for marine protected area”</i>
12.40 – 13.00 MSC 15:10 – 15:30 IST 19.40 – 20.00 VLAT	Dr Balakrishnan Nair , Indian National Centre for Ocean Information Services (INCOIS), INDIA bala@incois.gov.in <i>“Importance of Ocean Information Services for Blue Economy”</i>
13.00 – 13.20 MSC 15:30 – 15:50 IST 20.00 – 20.20 VLAT	Dr Prof. Yuri Ph. Kartavtsev , Prof., Dr. Sci. (Biology), Head of the Laboratory of Molecular Systematics of A.V. Zhirmunsky National Scientific Center of Marine Biology FEB RAS, Vladivostok yuri.kartavtsev48@hotmail.com <i>“Usage of molecular markers: From biodiversity assessment and modern general biology paradigm validation to seafood mislabeling detection”</i>
13.20 – 13.40 MSC 15.50 – 16.10 IST	Dr Baban Ingole , Scientist (Retired); CSIR-NIO-Goa baban.ingole@gmail.com

20.20 – 20.40 VLAT	<i>“Deep-sea Benthic Biodiversity”</i>
13.40 – 14.00 MSC 16.10 – 16.30 IST 20.40 – 21.00 VLAT	Dr Timofey Malyarenko , PhD, Chief Researcher of G.B. Elyakov Pacific Institute of Bioorganic Chemistry FEB RAS, Vladivostok malyarenko-tv@mail.ru <i>“Starfish as a perspective source of biologically active steroidal compounds”</i>
14.00 – 14.20 MSC 16.30 – 16.50 IST 21.00 – 21.20 VLAT	Dr (Prof) Biju Kumar , Professor; Kerala University (Marine Biodiversity) bijupuzhayoram@gmail.com <i>“Sustainable Marine Fisheries and Marine Biodiversity Conservation in Blue Economy Paradigms”</i>
14.20 – 14.40 MSC 16.50 – 17.10 IST 21.20 – 21.40 VLAT	Dr Nickolai Shadrin , PhD, Leading researcher, Federal Research Center "Kovalevsky Institute for Biology of the Southern Seas", RAS, Sevastopol snickolai@yandex.ru Dr Elena Anufriieva , PhD, Head, Lab of Extreme Ecosystems, Federal Research Center "Kovalevsky Institute for Biology of the Southern Seas", RAS, Sevastopol lena_anufriieva@mail.ru ; lena.anufriieva@gmail.com <i>“Between mountains and open seas: Natural and anthropogenic causes of marine coastal ecosystem shifts”</i>
14.40 – 15.00 MSC 17.10 – 17.30 IST 21.40 – 22.00 VLAT	Panel Discussion
Session 2 - Marine Chemistry, Marine Biotechnology, and Marine Drugs Moderator/Chairperson: Dr G Dharani , NIOT	
15.00 – 15.20 MSC 17.30 – 17.50 IST 22.00 – 22.20 VLAT	Dr Dmitry Aminin , Corresponding Member of RAS, Head of Laboratory of Bioassays and Mechanism of Action of Biologically Active Substances of G.B. Elyakov Pacific Institute of Bioorganic Chemistry FEB RAS, Vladivostok daminin@piboc.dvo.ru <i>“Systolic heart failure treatment: Structure-Activity Relationship study of 1,2,4-triazolones to develop novel cardiac myosin activators”</i>
15.20 – 15.40 MSC 17.50 – 18.10 IST 22.20 – 22.40 VLAT	Prof. Mohammed Hatha , Professor, Department of Marine Biology, Microbiology and Biochemistry, Cochin University of Science and Technology, Kochi mohamedhatha@cusat.ac.in <i>“Bio-prospecting of Marine bacteria for novel marine natural products – strategies for discovery and development”</i>
15.40 – 16.00 MSC 18.10 – 18.30 IST	Prof E Ponomareva , Professor, PhD, Docent, Astrakhan State Technical University, Astrakhan

22.40 – 23.00 VLAT	kafavb@mail.ru Prof A Krasilnikova , Professor, Dr.Sci, (Biology), Astrakhan State Technical University, Astrakhan <i>“Biological resources of South Seasbasin by cryopreservation methods”</i>
16.00 – 16.20 MSC 18.30 – 18.50 IST 23.00 – 23.20 VLAT	Dr S.R. Marigoudar , Scientist, Ministry of Earth Sciences srmarigoudar@nccr.gov.in <i>“Ambient Water Quality Standards to Regulate Contaminants in Coastal Waters”</i>
16.20 – 16.40 MSC 18.50 – 19.10 IST 23.20 – 23.40 VLAT	Prof Youlia Fedorovykh , Dr. Sci (Agriculture), Astrakhan State Technical University, Astrakhan jaqua@yandex.ru <i>“Alternative sources of protein from local raw materials of Astrakhan region in fish feeds”</i>
16.40 – 17.00 MSC 19.10 – 19.30 IST 23.40 – 24.00 VLAT	Dr G. Dharani , Scientist- F, Biotechnology, NIOT, Chennai dhara@niot.res.in <i>“Harnessing the potential of deep-sea microbes from the Indian Ocean for biotechnological applications”</i>
17.00 – 17.20 MSC 19.30 – 19.50 IST 24.00 – 00.20 (+1) VLAT	Prof Olecia Iakubova , PhD, Senior Lecturer of the department of «Technology of the goods and commodity research», Astrakhan State Technical University, Astrakhan o.c.yakubova@mail.ru <i>“Scientific Foundations and Implementation of Collagen Production from fish of Volga Caspian basin”</i>
17.20 – 17.40 MSC 19.50 – 20.10 IST 00.20 – 00.40 (+1) VLAT	Dr Surajit Das , Associate Professor, Life Science, National Institute of Technology Rourkela surajit@nitrkl.ac.in <i>“Marine bacteria and biofilm in bioremediation of environmental pollutants”</i>
17.40 – 18.00 MSC 20.10 – 20.30 IST 00.40 – 01.00 (+1) VLAT	Panel Discussion
28 October, Thursday	
Session – 3 - Pollution and Climate Change Impacts on Marine Ecosystems	
09.50 – 10.00 MSC 12.20 – 12.30 IST 16.50 – 17.00 VLAT	Chairperson / Moderator: Dr T. BALASUBRAMANIAN , Vice-Chancellor, Chettinad Academy of Research & Education, Former Chairman - SEAC Tamilnadu, Govt. of India, Former Director & Dean - CAS in Marine Biology, Annamalai University

<p>10.00 – 10.20 MSC 12.30 – 12.50 IST 17.00 – 17.20 VLAT</p>	<p>Prof Renat Shakirov, Dr Sci (Geology and Mineralogy), Deputy Director of V.I.Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok ren@poi.dvo.ru <i>"Russia-India cooperation in study geosystems, mineral resources and marine ecosystem under the frame of the UN Decade of Ocean Sciences and India Deep Ocean Mission"</i></p>
<p>10.20 - 10.40 MSC 12.50 – 13.10 IST 17.20 - 17.40 VLAT</p>	<p>Dr Sonia Sukumaran, Senior Principal Scientist , CSIR-NIO-Regional centre, Mumbai / Area of Work: Marine pollution assessment studies with special emphasis on macrobenthos soniya@nio.org <i>"Macrobenthic communities and Marine Pollution : Effects and applications"</i></p>
<p>10.40 – 11.00 MSC 13.10 – 13.30 IST 17.40 – 18.00 VLAT</p>	<p>Dr Alexander Charkin, PhD, Head of the Laboratory for Advanced Marine Research, V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok charkin@poi.dvo.ru <i>"Impact of submarine groundwater discharge on the coastal ecosystems of the East Siberian Arctic Seas"</i></p>
<p>11.00 – 11.20 MSC 13.30 – 13.50 IST 18.00 – 18.20 VLAT</p>	<p>Dr Ramu K, Scientist E, National Centre for Coastal Research, Chennai karriramureddy@gmail.com <i>"Seawater Quality Monitoring Program of India"</i></p>
<p>11.20 – 11.40 MSC 13.50 – 14.10 IST 18.20 – 18.40 VLAT</p>	<p>Dr Elena N. Chernova, PhD, Docent, Senior Researcher, Geochemical Laboratory of Pacific Geographical Institute FEB RAS, Vladivostok elena@tigdvo.ru <i>"Assessment of heavy metal contamination of coastal waters using marine algae as bioindicators"</i></p>
<p>11.40 – 12.00 MSC 14.10 – 14.30 IST 18.40 – 19.00VLAT</p>	<p>Prof Sugata Hazra, Jadavpur University sugata_hazra@yahoo.com <i>"Climate Change, Sea-level Rise and the future of mangroves"</i></p>
<p>12.00 – 12.20 MSC 14.30 – 14.50 IST 19.00 – 19.20 VLAT</p>	<p>Dr Tatiana Malakhova, PhD, Senior Scientist, Federal Research Center "Kovalevsky Institute for Biology of the Southern Seas", RAS, Sevastopol t.malakhova@imbr-ras.ru <i>Methane seeps in the Black Sea: biogeochemical characteristics, fluxes and ecological role</i></p>
<p>12.20 – 12.40 MSC 14.50 – 15.10 IST 19.20 – 19.40 VLAT</p>	<p>Dr Sufia Zaman, HOD, Dept of Oceanography, Techno India University, West Bengal zamansufia123@gmail.com <i>"Impact of climate change on blue economy"</i></p>
<p>12.40 – 13.00 MSC 15.10 – 15.30 IST 19.40 – 20.00 VLAT</p>	<p>Prof Irina Chubarenko, Dr.Sci (Physics and Mathematics), Head of Laboratory for Marine Physics, Shirshov Institute of Oceanology, RAS, Moscow irina_chubarenko@mail.ru <i>"Marine litter and microplastics in sea coastal zones: transport and accumulation patterns"</i></p>
<p>13.00 – 13.20 MSC 15.30 – 15.50 IST 20.00 – 20.20 VLAT</p>	<p>Prof Punyasloke Bhadury, Professor; Centre for Climate and Environmental Studies, Indian Institute of Science, Education and Research Kolkata pbhadury@iiserkol.ac.in <i>"Biological complexity and Anthropocene"</i></p>
<p>13.20 – 13.40 MSC 15.50 – 16.10 IST 20.20 - 20.40 VLAT</p>	<p>Panel Discussion</p>

Session – 4 Coastal Aquaculture and Blue Economy	
Chairperson / Moderator: Dr KK Vijayan - Former Director, Central Institute of Brackishwater Aquaculture, ICAR-CIBA, Chennai & Former Head, Marine Biotech Division, ICAR CMFRI, Kochi	
13.40 – 14.00 MSC 16.10 – 16.30 IST 20.40 – 21.00 VLAT	Dr Ravi Singh Baghel , Scientist, CSIR-NIO-Goa rsbaghel@nio.org <i>“Bioprocessing of seaweed biomass”</i>
14.00 – 14.20 MSC 16.30 – 16.50 IST 21.00 – 21.20 VLAT	Prof Pavel Ya. Tishchenko , Dr. Sci. (Chemistry), Head of the Laboratory of Hydrochemistry of V.I.II’ichev Pacific Oceanological Institute FEB RAS tpavel@poi.dvo.ru <i>“Blue carbon of shallow bays of the Peter the Great Bay, the Sea of Japan”</i>
14.20 – 14.40 MSC 16.50 – 17.10 IST 21.20 – 21.40 VLAT	Dr N.V. Vinith Kumar , Scientist - F, National Institute of Technology (Andaman & Nicobar) Centre vinith@niot.res.in <i>“Development and testing of cage culture systems suitable of Indian coastal and offshore condition for culture of commercially important marine fin fishes”</i>
14.40 – 15.00 MSC 17.10 – 17.30 IST 21.40 – 22.00 VLAT	Prof Anatoly I. Aleksanin , Dr. Sci. (Engineering), Head of Satellite Centre of Far Eastern Branch of Russian Academy of Sciences, Vladivostok aleks@iacp.dvo.ru <i>“Recognition and monitoring of harmful algae blooms using satellite data on an example of the ecological disaster in area of Kamchatka Peninsula in 2020”</i>
15.00 – 15.20 MSC 17.30 – 17.50 IST 22.00 – 22.20 VLAT	Dr Anurag Danda , Director, WWF-India Sundarbans Landscape anuragdanda@wwfindia.net <i>“Coastal Blue Economy, Livelihood and Policy”</i>
15.20 – 15.40 MSC 17.50 – 18.10 IST 22.20 – 22.40 VLAT	Dr CRK Reddy , CEO, Centre for Climate and Societal Impact Research, VTRI Campus, Gujrat crkcsmcric@gmail.com <i>“Seaweed cultivation”</i>
15.40 – 16.00 MSC 18.10 – 18.30 IST 22.40 – 23.00 VLAT	Dr Svetlana Gorbunova , PhD, Senior Scientist, Federal Research Centre "Kovalevsky Institute for Biology of the Southern Seas", RAS, Sevastopol svetlana_8423@mail.ru <i>“Microalgae cultures productivity”</i>
16.00 – 16.20 MSC 18.30 – 18.50 IST 23.00 – 23.20 VLAT	Dr Santhanam , Associate Professor, Department of Marine Sciences, Bharathidasan University, Trichy santhanamcopepod@gmail.com <i>“Prospects of copepods as aquaculture live feeds”</i>
16.20 – 16.40 MSC 18.50 – 19.10 IST 23.20 – 23.40 VLAT	Prof Temir A. Britayev , Dr. Sci. (Biology), professor, Head of the Laboratory of Ecology and Morphology of Marine Invertebrates, A.N. Severtzov Institute of Ecology & Evolution RAS, Moscow britayev@yandex.ru Dr Yury V. Deart , PhD, Researcher, A.N. Severtzov Institute of Ecology & Evolution RAS, Moscow y.v.deart@gmail.com <i>“Coral farming as a tool for studying coral associated communities”</i>
16.40 – 17.00 MSC 19.10 – 19.30 IST	Prof Abhijit Mitra , Director, Research, Techno India University, West Bengal (Hony) abhijit_mitra@hotmail.com

23.40 – 24.00 VLAT	<i>”Blue carbon budgeting Mangroves”</i>
17.00 – 17.20 MSC 19.30 – 19.50 IST 24.00 – 00.20 (+1) VLAT	<i>Dr K. K. Vijayan</i> , Former, Director, Central Institute of Brackishwater Aquaculture, ICAR-CIBA, Chennai & Former Head, Marine Biotech Division, ICAR-CMFRI, Kochi kkvijayan@gmail.com <i>”Biotechnology applications in aquaculture”</i>
17.20 – 17.40 MSC 19.50 – 20.10 IST 00.20 – 00.40 (+1) VLAT	<i>Panel Discussion</i>