



**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*

Link to attend the webinar:

[https://www.youtube.com/channel/UCfPV\\_TMsvDHq0aV1K\\_dsZ5A](https://www.youtube.com/channel/UCfPV_TMsvDHq0aV1K_dsZ5A)

27 October, Wednesday	
<b>09:30 MSC 12:00 IST 16.30 VLAT</b>	<b>STUDIO ROOM OPENS</b> <ul style="list-style-type: none"> <li>● Staff officers from Russian and Indian sides log on, and IT Support log on</li> <li>● Audio/Visual Check</li> </ul>
<b>09:50 MSC 12:20 IST 16.50 VLAT</b>	<b>STUDIO ROOM OPENS TO PUBLIC</b> Link to attend the webinar: <a href="https://www.youtube.com/channel/UCfPV_TMsvDHq0aV1K_dsZ5A">https://www.youtube.com/channel/UCfPV_TMsvDHq0aV1K_dsZ5A</a>
<b>10.00 - 10.20 MSC 12:30 - 12:50 IST 17.00 - 17.20 VLAT</b>	<b>Welcome speeches:</b> <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  <b>Dr M. Ravichandran</b> , Secretary, Ministry of Earth Sciences (MoES), Government of India
<b>Session 1 – Marine Biodiversity and Ecosystem Functioning</b>	
<b>Chairperson/Moderator: Dr Konstantin A. Lutaenko</b> , PhD, Leading Researcher of the Laboratory of Systematics and Morphology of A.V. Zhirmunsky National Scientific Center of Marine Biology FEB RAS, Vladivostok	
<b>10.20 – 10.40 MSC 12:50 - 13:10 IST 17.20 – 17.40 VLAT</b>	<b>Dr Dmitry Pitruk, PhD.</b> , Assistant to Director in Biological Issues of "Primorsky Oceanarium" - Branch of the A.V. Zhirmunsky National Scientific Center of Marine Biology FEB RAS, Vladivostok <a href="mailto:pitruk@mail.ru">pitruk@mail.ru</a>

	<i>“The activities of the Primorsky Aquarium in the conservation of marine biological diversity”</i>
10.40 – 11.00 MSC 13.10 – 13.30 IST 17.40 – 18.00 VLAT	<b>Dr Jyothibabu R.</b> , PhD, Principal Scientist; CSIR-National Institute of Oceanography (CSIR-NIO)-Kochi <a href="mailto:rjyothibabu@nio.org">rjyothibabu@nio.org</a> <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	<b>Dr Julia K. Zograf</b> , PhD, Principal Researcher of the Laboratory of Embryology of A.V. Zhirmunsky National Scientific Center of Marine Biology FEB RAS, Vladivostok <a href="mailto:zofulia@yandex.ru">zofulia@yandex.ru</a> <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	<b>Dr P. Mishra</b> , Scientist F, National Center for Coastal Research (NCCR), Ministry Earth Sciences <a href="mailto:mishra@nccr.gov.in">mishra@nccr.gov.in</a> <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	<b>Dr Konstantin A. Lutaenko</b> , PhD, Leading Researcher of the Laboratory of Systematics and Morphology of A.V. Zhirmunsky National Scientific Center of Marine Biology FEB RAS, Vladivostok <a href="mailto:lutaenko@mail.ru">lutaenko@mail.ru</a> <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	<b>Dr Sherine Sonia Cubelio</b> , Scientist-E, Centre for Marine Living Resources & Ecology (CMLRE), MoES <a href="mailto:sherine@cmlre.gov.in">sherine@cmlre.gov.in</a> <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	<b>Dr Diana V. Solovyeva</b> , Leading Researcher of the Laboratory of Ornithology of the Institute of Biological Problems of the North FEB RAS, Magadan <a href="mailto:diana_solovyova@mail.ru">diana_solovyova@mail.ru</a> <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	<b>Dr Balakrishnan Nair</b> , Indian National Centre for Ocean Information Services (INCOIS), INDIA <a href="mailto:bala@incois.gov.in">bala@incois.gov.in</a> <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	<b>Dr Prof. Yuri Ph. Kartavtsev</b> , Prof., Dr. Sci. (Biology), Head of the Laboratory of Molecular Systematics of A.V. Zhirmunsky National Scientific Center of Marine Biology FEB RAS, Vladivostok <a href="mailto:yuri.kartavtsev48@hotmail.com">yuri.kartavtsev48@hotmail.com</a> <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 20.20 – 20.40 VLAT	<b>Dr Baban Ingole</b> , Scientist (Retired); CSIR-NIO-Goa <a href="mailto:baban.ingole@gmail.com">baban.ingole@gmail.com</a>  “Deep-sea Benthic Biodiversity”
13.40 – 14.00 MSC 16.10 – 16.30 IST 20.40 – 21.00 VLAT	<b>Dr Timofey Malyarenko</b> , PhD, Chief Researcher of G.B. Elyakov Pacific Institute of Bioorganic Chemistry FEB RAS, Vladivostok <a href="mailto:malyarenko-tv@mail.ru">malyarenko-tv@mail.ru</a> “Starfish as a perspective source of biologically active steroidal compounds”
14.00 – 14.20 MSC 16.30 – 16.50 IST 21.00 – 21.20 VLAT	<b>Dr (Prof) Biju Kumar</b> , Professor; Kerala University (Marine Biodiversity) <a href="mailto:bijupuzhayoram@gmail.com">bijupuzhayoram@gmail.com</a>  “Sustainable Marine Fisheries and Marine Biodiversity Conservation in Blue Economy Paradigms”
14.20 – 14.40 MSC 16.50 – 17.10 IST 21.20 – 21.40 VLAT	<b>Dr Nickolai Shadrin</b> , PhD, Leading researcher, Federal Research Center "Kovalevsky Institute for Biology of the Southern Seas", RAS, Sevastopol <a href="mailto:snickolai@yandex.ru">snickolai@yandex.ru</a> <b>Dr Elena Anufriieva</b> , PhD, Head, Lab of Extreme Ecosystems, Federal Research Center "Kovalevsky Institute for Biology of the Southern Seas", RAS, Sevastopol <a href="mailto:lena_anufriieva@mail.ru">lena_anufriieva@mail.ru</a> ; <a href="mailto:lena.anufriieva@gmail.com">lena.anufriieva@gmail.com</a>  “Between mountains and open seas: Natural and anthropogenic causes of marine coastal ecosystem shifts”
14.40 – 15.00 MSC 17.10 – 17.30 IST 21.40 – 22.00 VLAT	<b>Panel Discussion</b>
<b>Session 2 - Marine Chemistry, Marine Biotechnology, and Marine Drugs</b>	
<b>Moderator/Chairperson: Dr G Dharani</b> , NIOT	
15.00 – 15.20 MSC 17.30 – 17.50 IST 22.00 – 22.20 VLAT	<b>Dr Dmitry Aminin</b> , 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  <a href="mailto:daminin@piboc.dvo.ru">daminin@piboc.dvo.ru</a>  “Systolic heart failure treatment: Structure-Activity Relationship study of 1,2,4-triazolones to develop novel cardiac myosin activators”
15.20 – 15.40 MSC 17.50 – 18.10 IST 22.20 – 22.40 VLAT	<b>Prof. Mohammed Hatha</b> , Professor, Department of Marine Biology, Microbiology and Biochemistry, Cochin University of Science and Technology, Kochi <a href="mailto:mohamedhatha@cusat.ac.in">mohamedhatha@cusat.ac.in</a> “Bio-prospecting of Marine bacteria for novel marine natural products – strategies for discovery and development”

<p><b>15.40 – 16.00 MSC</b>  <b>18.10 – 18.30 IST</b>  <b>22.40 – 23.00 VLAT</b></p>	<p><b>Prof E Ponomareva</b>, Professor, PhD, Docent, Astrakhan State Technical University, Astrakhan  <a href="mailto:kafavb@mail.ru">kafavb@mail.ru</a></p> <p><b>Prof A Krasilnikova</b>, Professor, Dr.Sci, (Biology), Astrakhan State Technical University, Astrakhan</p> <p><i>“Biological resources of South Seasbasin by cryopreservation methods”</i></p>
<p><b>16.00 – 16.20 MSC</b>  <b>18.30 – 18.50 IST</b>  <b>23.00 – 23.20 VLAT</b></p>	<p><b>Dr S.R. Marigoudar</b>, Scientist, Ministry of Earth Sciences  <a href="mailto:srmarigoudar@nccr.gov.in">srmarigoudar@nccr.gov.in</a></p> <p><i>“Ambient Water Quality Standards to Regulate Contaminants in Coastal Waters”</i></p>
<p><b>16.20 – 16.40 MSC</b>  <b>18.50 – 19.10 IST</b>  <b>23.20 – 23.40 VLAT</b></p>	<p><b>Prof Youlia Fedorovykh</b>, Dr. Sci (Agriculture), Astrakhan State Technical University, Astrakhan  <a href="mailto:jaqua@yandex.ru">jaqua@yandex.ru</a></p> <p><i>“Alternative sources of protein from local raw materials of Astrakhan region in fish feeds”</i></p>
<p><b>16.40 – 17.00 MSC</b>  <b>19.10 – 19.30 IST</b>  <b>23.40 – 24.00 VLAT</b></p>	<p><b>Dr G. Dharani</b>, Scientist- F, Biotechnology, NIOT, Chennai  <a href="mailto:dhara@niot.res.in">dhara@niot.res.in</a></p> <p><i>“Harnessing the potential of deep-sea microbes from the Indian Ocean for biotechnological applications”</i></p>
<p><b>17.00 – 17.20 MSC</b>  <b>19.30 – 19.50 IST</b>  <b>24.00 – 00.20 (+1) VLAT</b></p>	<p><b>Prof Olecia Iakubova</b>, PhD, Senior Lecturer of the department of «Technology of the goods and commodity research», Astrakhan State Technical University, Astrakhan  <a href="mailto:o.c.yakubova@mail.ru">o.c.yakubova@mail.ru</a></p> <p><i>“Scientific Foundations and Implementation of Collagen Production from fish of Volga Caspian basin”</i></p>
<p><b>17.20 – 17.40 MSC</b>  <b>19.50 – 20.10 IST</b>  <b>00.20 – 00.40 (+1) VLAT</b></p>	<p><b>Dr Surajit Das</b>, Associate Professor, Life Science, National Institute of Technology Rourkela  <a href="mailto:surajit@nitrkl.ac.in">surajit@nitrkl.ac.in</a></p> <p><i>“Marine bacteria and biofilm in bioremediation of environmental pollutants”</i></p>
<p><b>17.40 – 18.00 MSC</b>  <b>20.10 – 20.30 IST</b>  <b>00.40 – 01.00 (+1) VLAT</b></p>	<p><b>Panel Discussion</b></p>
<p><b>28 October, Thursday</b></p>	
<p><b>Session – 3 - Pollution and Climate Change Impacts on Marine Ecosystems</b></p>	
<p><b>09.50 – 10.00 MSC</b>  <b>12.20 – 12.30 IST</b></p>	<p><b>Chairperson / Moderator:</b>  <b>Dr T. BALASUBRAMANIAN</b>, Vice-Chancellor, Chettinad Academy of Research &amp; Education, Former Chairman - SEAC Tamilnadu, Govt. of India,</p>

16.50 – 17.00 VLAT	Former Director & Dean - CAS in Marine Biology, Annamalai University
10.00 – 10.20 MSC 12.30 – 12.50 IST 17.00 – 17.20 VLAT	<b>Prof Renat Shakirov</b> , Dr Sci (Geology and Mineralogy), Deputy Director of V.I.Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok <a href="mailto:ren@poi.dvo.ru">ren@poi.dvo.ru</a> <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>
10.20 - 10.40 MSC 12.50 – 13.10 IST 17.20 - 17.40 VLAT	<b>Dr Sonia Sukumaran</b> , Senior Principal Scientist , CSIR-NIO-Regional centre, Mumbai / Area of Work: Marine pollution assessment studies with special emphasis on macrobenthos <a href="mailto:soniya@nio.org">soniya@nio.org</a> <i>"Macrobenthic communities and Marine Pollution : Effects and applications"</i>
10.40 – 11.00 MSC 13.10 – 13.30 IST 17.40 – 18.00 VLAT	<b>Dr Alexander Charkin</b> , PhD, Head of the Laboratory for Advanced Marine Research, V.I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok <a href="mailto:charkin@poi.dvo.ru">charkin@poi.dvo.ru</a> <i>"Impact of submarine groundwater discharge on the coastal ecosystems of the East Siberian Arctic Seas"</i>
11.00 – 11.20 MSC 13.30 – 13.50 IST 18.00 – 18.20 VLAT	<b>Dr Ramu K</b> , Scientist E, National Centre for Coastal Research, Chennai <a href="mailto:karriramureddy@gmail.com">karriramureddy@gmail.com</a> <i>"Seawater Quality Monitoring Program of India"</i>
11.20 – 11.40 MSC 13.50 – 14.10 IST 18.20 – 18.40 VLAT	<b>Dr Elena N. Chernova</b> , PhD, Docent, Senior Researcher, Geochemical Laboratory of Pacific Geographical Institute FEB RAS, Vladivostok <a href="mailto:elena@tigdvo.ru">elena@tigdvo.ru</a> <i>"Assessment of heavy metal contamination of coastal waters using marine algae as bioindicators"</i>
11.40 – 12.00 MSC 14.10 – 14.30 IST 18.40 – 19.00VLAT	<b>Prof Sugata Hazra</b> , <i>Jadavpur University</i> <a href="mailto:sugata_hazra@yahoo.com">sugata_hazra@yahoo.com</a> <i>"Climate Change, Sea-level Rise and the future of mangroves"</i>
12.00 – 12.20 MSC 14.30 – 14.50 IST 19.00 – 19.20 VLAT	<b>Dr Tatiana Malakhova</b> , PhD, Senior Scientist, Federal Research Center "Kovalevsky Institute for Biology of the Southern Seas", RAS, Sevastopol <a href="mailto:t.malakhova@imbr-ras.ru">t.malakhova@imbr-ras.ru</a> <i>Methane seeps in the Black Sea: biogeochemical characteristics, fluxes and ecological role</i>
12.20 – 12.40 MSC 14.50 – 15.10 IST 19.20 – 19.40 VLAT	<b>Dr Sufia Zaman</b> , HOD, Dept of Oceanography, Techno India University, West Bengal <a href="mailto:zamansufia123@gmail.com">zamansufia123@gmail.com</a> <i>"Impact of climate change on blue economy"</i>
12.40 – 13.00 MSC 15.10 – 15.30 IST 19.40 – 20.00 VLAT	<b>Prof Irina Chubarenko</b> , Dr.Sci (Physics and Mathematics), Head of Laboratory for Marine Physics, Shirshov Institute of Oceanology, RAS, Moscow <a href="mailto:irina_chubarenko@mail.ru">irina_chubarenko@mail.ru</a> <i>"Marine litter and microplastics in sea coastal zones: transport and accumulation patterns"</i>
13.00 – 13.20 MSC 15.30 – 15.50 IST 20.00 – 20.20 VLAT	<b>Prof Punyasloke Bhadury</b> , Professor; Centre for Climate and Environmental Studies, Indian Institute of Science, Education and Research Kolkata <a href="mailto:pbhadury@iiserkol.ac.in">pbhadury@iiserkol.ac.in</a> <i>"Biological complexity and Anthropocene"</i>
13.20 – 13.40 MSC	<b>Panel Discussion</b>

15.50 – 16.10 IST 20.20 - 20.40 VLAT	
<b>Session – 4 Coastal Aquaculture and Blue Economy</b> <b>Chairperson / Moderator: Dr KK Vijayan</b> - 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	<b>Dr Ravi Singh Baghel</b> , Scientist, CSIR-NIO-Goa <a href="mailto:rsbaghel@nio.org">rsbaghel@nio.org</a> <i>“Bioprocessing of seaweed biomass”</i>
14.00 – 14.20 MSC 16.30 – 16.50 IST 21.00 – 21.20 VLAT	<b>Prof Pavel Ya. Tishchenko</b> , Dr. Sci. (Chemistry), Head of the Laboratory of Hydrochemistry of V.I.II’ichev Pacific Oceanological Institute FEB RAS <a href="mailto:tpavel@poi.dvo.ru">tpavel@poi.dvo.ru</a> <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	<b>Dr N.V. Vinith Kumar</b> , Scientist - F, National Institute of Technology (Andaman & Nicobar) Centre <a href="mailto:vinith@niot.res.in">vinith@niot.res.in</a> <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	<b>Prof Anatoly I. Aleksanin</b> , Dr. Sci. (Engineering), Head of Satellite Centre of Far Eastern Branch of Russian Academy of Sciences, Vladivostok <a href="mailto:aleks@iacp.dvo.ru">aleks@iacp.dvo.ru</a> <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	<b>Dr Anurag Danda</b> , Director, WWF-India Sundarbans Landscape <a href="mailto:anuragdanda@wwfindia.net">anuragdanda@wwfindia.net</a> <i>” Coastal Blue Economy, Livelihood and Policy”</i>
15.20 – 15.40 MSC 17.50 – 18.10 IST 22.20 – 22.40 VLAT	<b>Dr CRK Reddy</b> , CEO, Centre for Climate and Societal Impacts Research VRTI Campus Mandvi, Katch 370421, GUJARAT <a href="mailto:crkcsmcricri@gmail.com">crkcsmcricri@gmail.com</a> <i>“Seaweed cultivation”</i>
15.40 – 16.00 MSC 18.10 – 18.30 IST 22.40 – 23.00 VLAT	<b>Dr Svetlana Gorbunova</b> , PhD, Senior Scientist, Federal Research Centre "Kovalevsky Institute for Biology of the Southern Seas", RAS, Sevastopol <a href="mailto:svetlana_8423@mail.ru">svetlana_8423@mail.ru</a> <i>“Microalgae cultures productivity”</i>
16.00 – 16.20 MSC 18.30 – 18.50 IST 23.00 – 23.20 VLAT	<b>Dr Santhanam</b> , Associate Professor, Department of Marine Sciences, Bharathidasan University, Trichy <a href="mailto:santhanamcopepod@gmail.com">santhanamcopepod@gmail.com</a> <i>“Prospects of copepods as aquaculture live feeds”</i>
16.20 – 16.40 MSC 18.50 – 19.10 IST 23.20 – 23.40 VLAT	<b>Prof Temir A. Britayev</b> , Dr. Sci. (Biology), professor, Head of the Laboratory of Ecology and Morphology of Marine Invertebrates, A.N. Severtzov Institute of Ecology & Evolution RAS, Moscow <a href="mailto:britayev@yandex.ru">britayev@yandex.ru</a> <b>Dr Yury V. Deart</b> , PhD, Researcher, A.N. Severtzov Institute of Ecology & Evolution RAS, Moscow

	<a href="mailto:y.v.deart@gmail.com">y.v.deart@gmail.com</a> <i>“Coral farming as a tool for studying coral associated communities”</i>
<b>16.40 – 17.00 MSC</b> <b>19.10 – 19.30 IST</b> <b>23.40 – 24.00 VLAT</b>	<b>Prof Abhijit Mitra</b> , Director, Research, Techno India University, West Bengal (Hony) <a href="mailto:abhijit_mitra@hotmail.com">abhijit_mitra@hotmail.com</a> <i>”Blue carbon budgeting Mangroves”</i>
<b>17.00 – 17.20 MSC</b> <b>19.30 – 19.50 IST</b> <b>24.00 – 00.20 (+1) VLAT</b>	<b>Dr K. K. Vijayan</b> , Former, Director, Central Institute of Brackishwater Aquaculture, ICAR-CIBA, Chennai & Former Head, Marine Biotech Division, ICAR-CMFRI, Kochi <a href="mailto:kkvijayan@gmail.com">kkvijayan@gmail.com</a> <i>“Biotechnology applications in aquaculture”</i>
<b>17.20 – 17.40 MSC</b> <b>19.50 – 20.10 IST</b> <b>00.20 – 00.40 (+1) VLAT</b>	<b>Panel Discussion</b>