



Embassy of India
Moscow, Russia
Посольство Индии
Москва, Россия



सत्यमेव जयते
Ministry of Earth Sciences
Government of India



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

YouTube

https://www.youtube.com/channel/UCfPV_TMsvDHq0aV1K_dsZ5A

Zoom

October, 27

<https://us02web.zoom.us/j/85438292341>

October, 28

<https://us02web.zoom.us/j/86732145928>

27 October, Wednesday

09:30 MSC
12:00 IST
16.30 VLAT

STUDIO ROOM OPENS

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

STUDIO ROOM OPENS TO PUBLIC

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

Welcome speeches:

Prof. Andrei Adrianov, 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

Dr. M. Ravichandran, PhD (Physics), Secretary, Ministry of Earth Sciences (MoES), Government of India

Session 1 — Marine Biodiversity and Ecosystem Functioning

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

10:20–10:40 MSC
12:50–13:10 IST
17.20–17.40 VLAT

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
«The activities of the Primorsky Aquarium in the conservation of marine biological diversity»

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 <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 <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 <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 <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 <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 <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 <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 <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	Dr. Baban Ingole , Scientist (Retired); CSIR-NIO-Goa <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 <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) <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 Dr. Elena Anufriieva , PhD, Head, Lab of Extreme Ecosystems, Federal Research Center «Kovalevsky Institute for Biology of the Southern Seas», RAS, Sevastopol <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 «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	Prof. Mohammed Hatha , Professor, Department of Marine Biology, Microbiology and Biochemistry, Cochin University of Science and Technology, Kochi «Bio-prospecting of Marine bacteria for novel marine natural products — strategies for discovery and development»
15.40–16.00 MSC 18.10–18.30 IST 22.40–23.00 VLAT	Prof E Ponomareva , Professor, PhD, Docent, Astrakhan State Technical University, Astrakhan Prof A Krasilnikova , Professor, Dr. Sci, (Biology), Astrakhan State Technical University, Astrakhan «Biological resources of South Seasbasin by cryopreservation methods»
16.00–16.20 MSC 18.30–18.50 IST 23.00–23.20 VLAT	Dr. S. R. Marigoudar , Scientist, Ministry of Earth Sciences «Ambient Water Quality Standards to Regulate Contaminants in Coastal Waters»
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 «Alternative sources of protein from local raw materials of Astrakhan region in fish feeds»
16.40–17.00 MSC 19.10–19.30 IST 23.40–24.00 VLAT	Dr. G. Dharani , Scientist- F, Biotechnology, NIOT, Chennai «Harnessing the potential of deep-sea microbes from the Indian Ocean for biotechnological applications»
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 «Scientific Foundations and Implementation of Collagen Production from fish of Volga Caspian basin»
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 «Marine bacteria and biofilm in bioremediation of environmental pollutants»
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

10.00–10.20 MSC
12.30–12.50 IST
17.00–17.20 VLAT

Prof Renat Shakirov, Dr. Sci (Geology and Mineralogy), Deputy Director of V. I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok
«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»

10.20–10.40 MSC
12.50–13.10 IST
17.20–17.40 VLAT

Dr. Sonia Sukumaran, Senior Principal Scientist, CSIR-NIO-Regional centre, Mumbai / Area of Work: Marine pollution assessment studies with special emphasis on macrobenthos
«Macrobenthic communities and Marine Pollution: Effects and applications»

10.40–11.00 MSC
13.10–13.30 IST
17.40–18.00 VLAT

Dr. Alexander Charkin, PhD, Head of the Laboratory for Advanced Marine Research, V. I. Il'ichev Pacific Oceanological Institute FEB RAS, Vladivostok
«Impact of submarine groundwater discharge on the coastal ecosystems of the East Siberian Arctic Seas»

11.00–11.20 MSC
13.30–13.50 IST
18.00–18.20 VLAT

Dr. Ramu K, Scientist E, National Centre for Coastal Research, Chennai
«Seawater Quality Monitoring Program of India»

11.20–11.40 MSC
13.50–14.10 IST
18.20–18.40 VLAT

Dr. Elena N. Chernova, PhD, Docent, Senior Researcher, Geochemical Laboratory of Pacific Geographical Institute FEB RAS, Vladivostok
«Assessment of heavy metal contamination of coastal waters using marine algae as bioindicators»

11.40–12.00 MSC
14.10–14.30 IST
18.40–19.00 VLAT

Prof Sugata Hazra, Jadavpur University
«Climate Change, Sea-level Rise and the future of mangroves»

12.00–12.20 MSC
14.30–14.50 IST
19.00–19.20 VLAT

Dr. Tatiana Malakhova, PhD, Senior Scientist, Federal Research Center «Kovalevsky Institute for Biology of the Southern Seas», RAS, Sevastopol
«Methane seeps in the Black Sea: biogeochemical characteristics, fluxes and ecological role»

12.20–12.40 MSC
14.50–15.10 IST
19.20–19.40 VLAT

Dr. Sufia Zaman, HOD, Dept of Oceanography, Techno India University, West Bengal
«Impact of climate change on blue economy»

12.40–13.00 MSC
15.10–15.30 IST
19.40–20.00 VLAT

Prof Irina Chubarenko, Dr. Sci (Physics and Mathematics), Head of Laboratory for Marine Physics, Shirshov Institute of Oceanology, RAS, Moscow
«Marine litter and microplastics in sea coastal zones: transport and accumulation patterns»

13.00–13.20 MSC
15.30–15.50 IST
20.00–20.20 VLAT

Prof Punyasloke Bhadury, Professor; Centre for Climate and Environmental Studies, Indian Institute of Science, Education and Research Kolkata
«Biological complexity and Anthropocene»

13.20–13.40 MSC
15.50–16.10 IST
20.20–20.40 VLAT

Panel Discussion

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
«*Bioprocessing of seaweed biomass*»

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. Il'ichev Pacific Oceanological Institute FEB RAS
«*Blue carbon of shallow bays of the Peter the Great Bay, the Sea of Japan*»

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
«*Development and testing of cage culture systems suitable of Indian coastal and offshore condition for culture of commercially important marine fin fishes*»

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
«*Recognition and monitoring of harmful algae blooms using satellite data on an example of the ecological disaster in area of Kamchatka Peninsula in 2020*»

15.00–15.20 MSC
17.30–17.50 IST
22.00–22.20 VLAT

Dr. Anurag Danda, Director, WWF-India Sundarbans Landscape
«*Coastal Blue Economy, Livelihood and Policy*»

15.20–15.40 MSC
17.50–18.10 IST
22.20–22.40 VLAT

Prof. CRK Reddy, Scientist, Centre for Climate and Societal Impacts Research
«*Seaweed cultivation*»

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
«*Microalgae cultures productivity*»

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
«*Prospects of copepods as aquaculture live feeds*»

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
Dr. Yury V. Deart, *PhD*, Researcher, A. N. Severtzov Institute of Ecology & Evolution RAS, Moscow
«*Coral farming as a tool for studying coral associated communities*»

16.40–17.00 MSC
19.10–19.30 IST
23.40–24.00 VLAT

Prof Abhijit Mitra, Director, Research, Techno India University, West Bengal (Hony)
«*Blue carbon budgeting Mangroves*»

17.00–17.20 MSC
19.30–19.50 IST
24.00–00.20 (+1) VLAT

Dr. K. K. Vijayan, Former, Director, Central Institute of Brackishwater Aquaculture, ICAR-CIBA, Chennai & Former Head, Marine Biotech Division, ICAR-CMFRI, Kochi
«*Biotechnology applications in aquaculture*»

17.20–17.40 MSC
19.50–20.10 IST
00.20–00.40 (+1) VLAT

Panel Discussion