



**Embassy of India**  
Moscow, Russia  
**Посольство Индии**  
Москва, Россия

**India - Russia**  
**Scientific Webinar on Ecology and Environmental Protection**  
**25-26 November 2020**  
**10.00 (MSC) / 12.30 IST time onwards**

*2.30+MSC = IST*

<b>25 November, Wednesday</b>	
<b>09:30 MSC</b> <b>12:00 IST</b>	<b>ZOOM 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</b> <b>12:20 IST</b>	<b>ZOOM ROOM OPENS TO PUBLIC</b> <ul style="list-style-type: none"> <li>✓ All speakers and staff from Russian and Indian sides in place</li> <li>✓ Registered participants allowed to enter</li> </ul>
<b>10.00 - 10.20 MSC</b> <b>12:30 - 12:50 IST</b>	<p><i>Welcome and Introduction Remarks:</i></p> <p><i>On behalf of the Russian Academy of Sciences: Prof. Alexander Gliko, Dr Sci in Physics and Mathematics, Professor, Academician of RAS, Head of the RAS Department of Earth Sciences</i></p> <p><i>CSIR and EOI</i></p>
<b>Session -1</b> <b>Chairperson/Moderator: Prof. L.C. Rai, Former Dean, Faculty of Science, Banaras Hindu University, Varanasi, India</b>	
<b>10.20 – 10.40 MSC</b> <b>12:50 - 13:10 IST</b>	<p><b>Prof. S.K. Barik</b>, Director, CSIR-National Botanical Research Institute, Lucknow, India  <a href="mailto:director@nbri.res.in">director@nbri.res.in</a>, <a href="mailto:sarojkbarik@gmail.com">sarojkbarik@gmail.com</a>  <i>“Forest protection leads to enhanced ecosystem services: Nutrient cycling and hydrology of sacred forests”</i></p>
<b>10.40 – 11.00 MSC</b> <b>13:10 – 13:30 IST</b>	<p><b>Dr Alexey Kulik</b>, Ph.D., Leading Research Fellow, Head of the Laboratory of Hydrology          Federal Scientific Center of Agroecology, Complex Reclamation and Protective Forestry, RAS, <a href="mailto:kulikak@yandex.ru">kulikak@yandex.ru</a>  <i>“Sandy land water management to protect the environment”</i></p>



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<b>11.00 – 11.20 MSC</b> <b>13:30 – 13:50 IST</b>	<b>Dr Sunil K. Singh</b> , Director, CSIR-National Institute of Oceanography, Goa <a href="mailto:sunil@nio.org">sunil@nio.org</a> <i>“Freshwater-Marine water interface”</i>
<b>11.20 – 11.40 MSC</b> <b>13:50 – 14:10 IST</b>	<b>Dr Ekaterina Ivanova</b> , Ph.D., Research Fellow Laboratory for Complex Problems of Limnology, Institute of Lakes Science of the RAS - a separate structural division of the FSBIS "St. Petersburg Federal Research Center of the RAS" <a href="mailto:spb.spt@mail.ru">spb.spt@mail.ru</a> <i>“Research of microplastic pollution in freshwater bodies of Leningrad oblast and Karelia Republic of the Russian Federation”</i>
<b>11.40 – 12.00 MSC</b> <b>14:10 – 14:30 IST</b>	<b>Dr Pavan K. Labhasetwar</b> , Head, Water Technology and Management, CSIR-National Environmental Engineering Research Institute, Nagpur <a href="mailto:pk_labhasetwar@neeri.res.in">pk_labhasetwar@neeri.res.in</a> <i>“Water treatment technologies landscape: Possible Collaborative Options”</i>
<b>12.00 – 12.20 MSC</b> <b>14:30 – 14:50 IST</b>	<b>Dr Nickolai Shadrin</b> , Ph.D., Leading Research Fellow <a href="mailto:snickolai@yandex.ru">snickolai@yandex.ru</a> <a href="mailto:shadrinnickolai@gmail.com">shadrinnickolai@gmail.com</a> <b>Dr Elena V. Anufriieva</b> , Ph.D., Senior Research Fellow <a href="mailto:lena_anufriieva@mail.ru">lena_anufriieva@mail.ru</a> <a href="mailto:lena.anufriieva@gmail.com">lena.anufriieva@gmail.com</a> A.O. Kovalevsky Institute of Biology of Southern Seas, RAS <i>“How to develop aquaculture in the face of the growing global freshwater crisis?”</i>
<b>12.20 – 12.40 MSC</b> <b>14:50 – 15:10 IST</b>	<b>Dr J.K. Jena</b> , Deputy Director General (Fisheries), Indian Council of Agricultural Research, New Delhi, India <a href="mailto:jkjena2@rediffmail.com">jkjena2@rediffmail.com</a> <i>“R&amp;D in Fisheries and Aquaculture in India and Perspectives for Innovation and Partnership”</i>
<b>12.40 – 13.00 MSC</b> <b>15:10 – 15:30 IST</b>	<b>Dr Yulia M. Kornychuk</b> , Ph.D., Deputy Director A.O. Kovalevsky Institute of Biology of the Southern Seas, RAS <a href="mailto:miju2811@mail.ru">miju2811@mail.ru</a> ; <a href="mailto:juliakornychuk@gmail.com">juliakornychuk@gmail.com</a> <i>“Parasitology for a healthy, safe and environment friendly aquaculture”</i>
<b>13.00 – 13.20 MSC</b> <b>15:30 – 15:50 IST</b>	<b>Dr A. Arunachalam</b> , Assistant Director General (International Affairs), Indian Council of Agricultural Research, New Delhi, India <a href="mailto:arun70@gmail.com">arun70@gmail.com</a> <i>“Agroforestry in India: The twin benefits of income security and environmental protection”</i>
<b>13.20 – 13.40 MSC</b> <b>15:50 – 16:10 IST</b>	<b>Prof. Sergey A. Ostroumov</b> , Dr Sci in Biology, Leading Research Fellow Biology Department, Lomonosov Moscow State University <a href="mailto:ar55@yandex.ru">ar55@yandex.ru</a> <i>“Biodiversity conservation and its ecological role in aquatic ecosystems: an innovative cost-effective approach to improving water quality, water self-purification”</i>
<b>13.40 – 14.00 MSC</b> <b>16:10 – 16:30 IST</b>	<b>Panel Discussions</b>
<b>Session – 2</b>	



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<b>Chairperson/ Moderator: Prof. Vladimir Paveliev</b> , Dr Sci in Physics and Mathematics, Professor, Samara Federal Research Center RAS <a href="mailto:pavelyev10@mail.ru">pavelyev10@mail.ru</a>	
<b>14.00 – 14.20 MSC</b> <b>16:30 – 16:50 IST</b>	<b>Dr Vera A. Vokina</b> , Ph.D., Research Fellow East-Siberian Institute of Medical and Ecological Research <a href="mailto:vokina.vera@gmail.com">vokina.vera@gmail.com</a> <i>“Health effects of wildfire smoke”</i>
<b>14.20 – 14.40 MSC</b> <b>16:50 – 17.10 IST</b>	<b>Dr Prabodh Trivedi</b> , Director, CSIR-Central Institute of Medicinal and Aromatic Plants, Lucknow <a href="mailto:director@cimap.res.in">director@cimap.res.in</a> <i>“Secondary plant products and plant protection”</i>
<b>14.40 – 15.00 MSC</b> <b>17.10 – 17.30 IST</b>	<b>Prof. Natalia Politaeva</b> , Dr Sci, Professor Peter the Great St. Petersburg Polytechnic University <a href="mailto:Politaeva_na1971@gmail.com">Politaeva_na1971@gmail.com</a> <i>“The modern wastewater treatment methods”</i>
<b>15.00 – 15.20 MSC</b> <b>17.30 – 17.50 IST</b>	<b>Prof. Zafar A. Reshi</b> , University of Kashmir, India <a href="mailto:zreshi@gmail.com">zreshi@gmail.com</a> <i>“Invasive species and their management in India”</i>
<b>15.20 – 15.40 MSC</b> <b>17.50 – 18.10 IST</b>	<b>Prof. Olga Lozhkina</b> , Dr Sci, Ph.D., Leading Research Fellow Institute of Transport Problems, RAS <a href="mailto:olokina@yandex.ru">olokina@yandex.ru</a> <i>“Intelligent Transportation Systems and Management of Vehicle-related Air Pollution in Big Cities”</i>
<b>15.40 – 16.00 MSC</b> <b>18.10 – 18.30 IST</b>	<b>Dr Anjan Ray</b> , Director, CSIR-Indian Institute of Petroleum, Dehradun, India <a href="mailto:director@iip.res.in">director@iip.res.in</a> <i>“Clean transportation fuels and their impact on atmospheric emission”</i>
<b>16.00 – 16.20 MSC</b> <b>18.30 – 18.50 IST</b>	<b>Prof. Vladimir Paveliev</b> , Dr Sci in Physics and Mathematics, Professor, Samara Federal Research Center RAS <a href="mailto:pavelyev10@mail.ru">pavelyev10@mail.ru</a> <i>“Development of carbon nanostructures for gas sensing Application”</i>
<b>16.20 – 16.40 MSC</b> <b>18.50 – 19.10 IST</b>	<b>Dr Suchi Srivastava</b> , Principal Scientist, CSIR-National Botanical Research Institute, Lucknow <a href="mailto:ssnbri@gmail.com">ssnbri@gmail.com</a> <i>“Managing agricultural waste burning through microbial formulation”</i>
<b>16.40 – 17.00 MSC</b> <b>19.10 – 19.30 IST</b>	<b>Prof. Igor Platonov</b> , Dr Sci, Full Professor, Dean of Physical Department, Deputy Director of the Natural Science Institute, Head of the Department of Chemistry, Samara Federal Research University <a href="mailto:pia@ssau.ru">pia@ssau.ru</a> <b>Dr Vladimir Platonov</b> , Ph.D., Associate Professor at the Department of Chemistry, Samara Federal Research University <a href="mailto:rovvv@yandex.ru">rovvv@yandex.ru</a> <i>“Gas chromatograph based on microfluidic systems for environmental monitoring”</i>



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17.00 – 17.20 MSC 19.30 – 19.50 IST	<b>Prof. S.R. Joshi</b> , Department of Biotechnology and Bioinformatics, North-Eastern Hill University, Shillong, India <a href="mailto:srjoshi2006@gmail.com">srjoshi2006@gmail.com</a> <i>“Protection of coal-mined environment using microbial consortia in India”</i>
17.20 – 17.40 MSC 19.50 – 20.10 IST	<b>Panel Discussion</b>

<b>26 November, Thursday</b>	
<b>Session – 3</b>	
<b>Chairperson/Moderator: Dr S.R. Wate</b> , Former Director, CSIR-National Environmental Engineering Research Institute, Nagpur, India, and Chairman, EIA Committee, Ministry of Environment, Forest and Climate Change, Government of India, New Delhi.	
10.00 – 10.20 MSC 12:30 - 12:50 IST	<b>Dr Atya Kaple</b> , Senior Principal Scientist, CSIR-National Environmental Engineering Research Institute, Nagpur, India <a href="mailto:a_kaple@neeri.res.in">a_kaple@neeri.res.in</a> <i>“Rejuvenation of degraded niches to redefine environmental protection”</i>
10.20 – 10.40 MSC 12:50 - 13:10 IST	<b>Dr Anna Zalota</b> , Ph.D., Research Fellow P.P. Shirshov Institute of Oceanology, RAS <a href="mailto:azalota@gmail.com">azalota@gmail.com</a> <i>“Alien crabs in Russian seas - ecological catastrophe or new resources?”</i>
10.40 – 11.00 MSC 13:10 - 13:30 IST	<b>Dr Soniya Sukumaran</b> , Principal Scientist, Mumbai Regional Centre, CSIR-National Institute of Oceanography, Goa, India <a href="mailto:soniya@nio.org">soniya@nio.org</a> <i>“Macrobenthic ecology of north-west coast of India”</i>
11.00 – 11.20 MSC 13:30 - 13:50 IST	<b>Dr Olga Andreeva</b> Ph.D., Senior Research Fellow Institute of Geography, RAS <a href="mailto:andreeva@igras.ru">andreeva@igras.ru</a> ; <a href="mailto:andreevala@yandex.ru">andreevala@yandex.ru</a> <i>“The development of a concept on the land degradation neutrality (LDN) and its adaptation for the Russian Federation conditions”</i>
11.20 – 11.40 MSC 13:50 – 14:10 IST	<b>Dr Pankaj Srivastava</b> , Principal Scientist, CSIR-National Botanical Research Institute, Lucknow <a href="mailto:pankajk@nbri.res.in">pankajk@nbri.res.in</a> <i>“Assessment of arsenic pollution and its remediation in India”</i>
11.40 – 12.00 MSC 14:10 – 14:30 IST	<b>Prof. Yuri Ryabkov</b> , Dr Sci in Chemistry, Director for Research <a href="mailto:ryab2012@gmail.com">ryab2012@gmail.com</a> <b>Prof. A.V.Kuchin</b> , Dr Sci in Chemistry, Professor, RAS Corresp. member <b>Dr E.V.Udoratina</b> , Dr Sci in Chemistry, Head of the Laboratory Institute of Chemistry, Komi Scientific Center, Ural Branch of RAS <i>“New bio-lignocellulose sorbents for oil spill response, natural and waste water treatment”</i>



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12.00 – 12.20 MSC 14:30 – 14:50 IST	<b>Dr. Ambumani Sadasivam</b> , Senior Scientist, CSIR-Indian Institute of Toxicological Research, Lucknow <a href="mailto:anbumani@iitr.res.in">anbumani@iitr.res.in</a> <i>“Assessment of environmental risks in India”</i>
12.20 – 12.40 MSC 14:50 – 15:10 IST	<b>Prof. Alexey Panov</b> , Dr Sci in Biology, Deputy Director Russian Institute of Radiology and Agroecology (RIRAE) <a href="mailto:riar@mail.ru">riar@mail.ru</a> <i>“RIRAE works on radioecological monitoring of Nuclear Power Plants”</i>
12.40 – 13.00 MSC 15.10 – 15.30 IST	<b>Prof. Prashant Phale</b> , Indian Institute of Technology, Mumbai <a href="mailto:pphale@iitb.ac.in">pphale@iitb.ac.in</a> <i>“Preferential utilization of aromatic compounds by Pseudomonas putida CSV86”</i>
13.00 – 13.20 MSC 15.30 – 15.50 IST	<b>Prof. Olga Lavrik</b> , Dr Sci in Pedagogics, Professor, Head of the Laboratory for Information System Analysis Editor-in-Chief of “Bibliosphaera” Magazine <a href="mailto:lavrik@spsl.nsc.ru">lavrik@spsl.nsc.ru</a> <b>Valentina Rykova</b> , Senior Research Fellow, Division of Scientific Bibliographies <a href="mailto:Rykova@spsl.nsc.ru">Rykova@spsl.nsc.ru</a> <a href="mailto:onbryk@spsl.nsc.ru">onbryk@spsl.nsc.ru</a> State Public Scientific and Technical Library, Siberian Branch of RAS <i>“Information recourses on environment protection: what can they say”</i>
13.20 – 13.40 MSC 15.50 – 16.10 IST	<b>Panel Discussion</b>
<b>Session - 4 Chairperson/Moderator:</b> <b>Prof. Vladimir Zhmur</b> , Corresponding member of RAS, Directorate Head, Earth, Social and Economic Sciences, Russian Foundation for Basic Research <b>Dr Viktor I. Gornyy</b> , Ph.D., Head of the Laboratory for remote sensing methods of geoeological monitoring and geoinformatics, Saint-Petersburg Federal Research Center, RAS	
13.40 – 14.00 MSC 16:10 – 16:30 IST	<b>Prof. Vladislav Panchenko</b> , Academician of RAS, RFBR Chair <b>Prof. Vladimir Zhmur</b> , Corresponding member of RAS, Directorate Head Earth, Social and Economic Sciences Russian Foundation for Basic Research <a href="mailto:zhmur-vladimir@mail.ru">zhmur-vladimir@mail.ru</a> <i>“Environmental problems in the joint Russian-Indian RFBR projects”</i>
14.00 – 14.20 MSC 16.30 – 16:50 IST	<b>Dr S.K. Goyal</b> , Head, Delhi Regional Centre, CSIR-National Environmental Engineering Research Institute, Nagpur, India <a href="mailto:sk_goyal@neeri.res.in">sk_goyal@neeri.res.in</a> <i>“Clean air: A major challenge for urban population and possible remedies”</i>
14.20 – 14.40 MSC 16:50 – 17:10 IST	<b>Prof. Natalia Belisheva</b> , Dr Sci in Biology, Leading Scientific Fellow <a href="mailto:natalybelisheva@mail.ru">natalybelisheva@mail.ru</a> <b>Dr. Vladimir Megorskyi</b> , Ph.D., Director <a href="mailto:megorsky@medknc.ru">megorsky@medknc.ru</a> <b>Prof. Vladimir Zhironov</b> , Dr Sci in Biology, RAS Corresponding Member,



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	<p>Scientific Leader <a href="mailto:v_zhirov_1952@mail.ru">v_zhirov_1952@mail.ru</a> <b>Dr Alla Martynova</b>, Ph.D., Head of Research Division <a href="mailto:martynovaalla@medknc.ru">martynovaalla@medknc.ru</a> Research Center for Biomedical Problems of Human Adaptation in the Arctic - Branch of the FSBIS of the Federal Research Center "Kola Scientific Center, RAS" <i>"Children's health in the light of global and local environmental problems"</i></p>
<p><b>14.40 – 15.00 MSC</b> <b>17:10 – 17:30 IST</b></p>	<p><b>Dr Dibyendu Adhikari</b>, Principal Scientist, CSIR-National Botanical Research Institute, Lucknow, India <a href="mailto:adhikari.dibyendu@nbri.res.in">adhikari.dibyendu@nbri.res.in</a> <i>"Modelling the environmental niches of threatened plants for their conservation"</i></p>
<p><b>15.00 – 15.20 MSC</b> <b>17:30 – 17:50 IST</b></p>	<p><b>Prof. Natalya Efimova</b> Dr Sci in Medicine, Professor, Leading Research Fellow East-Siberian Institute of Medical and Ecological Research <a href="mailto:medecolab@inbox.ru">medecolab@inbox.ru</a> <i>"Health assessment in Mercury contaminated areas: long-term observations"</i></p>
<p><b>15.20 – 15.40 MSC</b> <b>17:50 – 18.10 IST</b></p>	<p><b>Dr Mukunda Behera</b>, Indian Institute of Technology, Kharagpur, India <a href="mailto:mdbehera@coral.iitkgp.ac.in">mdbehera@coral.iitkgp.ac.in</a> <i>"Modelling carbon sequestration in Indian Forests"</i></p>
<p><b>15.40 – 16.00 MSC</b> <b>18.10 – 18.30 IST</b></p>	<p><b>Dr Viktor I. Gornyy</b>, Ph.D., Head of the Laboratory for remote sensing methods of geoecological monitoring and geoinformatics, Saint-Petersburg Federal Research Center, RAS <a href="mailto:v.i.gornyy@mail.ru">v.i.gornyy@mail.ru</a> <i>"Remote Sensing using the long wave infrared spectral band for environment protection: from underground coal fires prospecting at the Jaria coalfield (India) up to a thermodynamic approach of ecosystem health monitoring"</i></p>
<p><b>16.00 – 16.20 MSC</b> <b>18.30 – 18.50 IST</b></p>	<p><b>Dr N Manickam</b>, Chief Scientist, CSIR-Indian Institute of Toxicological Research, Lucknow <a href="mailto:nmanickam@iitr.res.in">nmanickam@iitr.res.in</a> <i>"Biotechnological approaches to pollution abatement"</i></p>
<p><b>16.20 – 16.40 MSC</b> <b>18.50 – 19.10 IST</b></p>	<p><b>Dr V.N. Tiwari</b>, Director, CSIR-National Geophysical Research Institute, Hyderabad, India <a href="mailto:director@ngri.res.in">director@ngri.res.in</a> <i>"Terrestrial water management in India"</i></p>
<p><b>16.40 – 17.00 MSC</b> <b>19.10 – 19.30 IST</b></p>	<p><b>Panel Discussion</b> <b>Final Concluding Remarks</b></p>