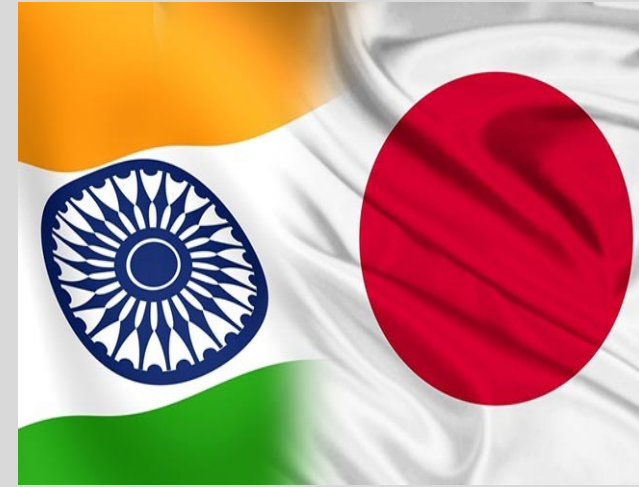


India - Japan Webinar on “Marine Plastic Prevention and Management”



- Tuesday, February 16, 2021 {1330 – 1745 hrs (JST) / 1000 -1415 (IST)}
- Medium: English
- Platform: Webex

Attendees Link: <https://niot1.webex.com/niot1/onstage/g.php?MTID=e032831e3d4c53f56e9a8ab4bbe013719>

Event number : 184 160 5641

Event password : MpP2k21

- Organized by: Embassy of India, Tokyo in association with Ministry of Earth Sciences (MoES), GoI; and Ministry of Education, Culture, Sports, Science and Technology (MEXT), GoJ



Cities around the world are dealing with serious waste problems due to increasing population and changing lifestyles. Plastic pollution in the marine and coastal environment is a challenging and threatens ecosystems as well as affecting public health around the globe.

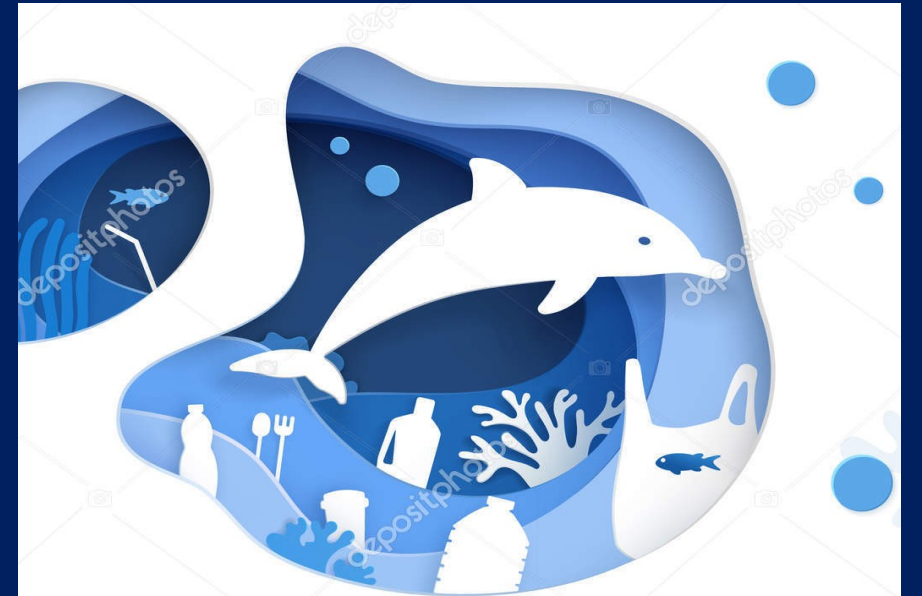
According to the United Nations Environment Program (UNEP), the marine plastic debris is one of the main emerging issues affecting the environment. Several efforts are being made at the international and national levels to address marine pollution. Among them are the 1972 Convention on the Prevention of Marine Pollution by Dumping Wastes and Other Matter, the 1996 Protocol to the London Convention, and the 1978 Protocol to the International Convention for the Prevention of Pollution from Ships. The risks posed by microplastics has been acknowledged in the Leaders' Declaration at the 2015 G7 summit in Bavaria, Germany. Also, at its annual meeting in June 2019, the G20 group of the world's largest established and emerging economies launched its "Implementation Framework for Actions on Marine Plastic Litter". The framework outlines voluntary actions by countries towards reducing plastic waste generation, improving waste management and cleaning up litter that has already contaminated the ocean.



Understanding that the problem of marine plastic pollution is cross-boundary and cross-cutting, and it requires systemic solutions covering policy, technology, management, financing, knowledge and research, awareness raising and behaviour change. A webinar on a collaborative model is being organized to connect various stakeholders to determine the knowledge perspectives concerning the current issues, future research and development, needs, and priorities for building networks, and further collaboration.



Both countries will make effective use of this event to strengthen their bilateral relations. The webinar will have two sessions- inaugural and presentation. In the presentation session four speakers each from Japan and India will be presenting their research findings for 12 minutes each which will be followed by a discussion to explore possibilities of collaboration Between groups in Japan and India. The webinar will also have participation from scientists, researchers, policy makers, students and industry partners from both India and Japan who will take part in the discussion after the presentations.



Program – Inaugural

JST	IST	Topic	Speaker
13:30 – 13:32	10:00 – 10:02	Introduction	Dr. Usha Dixit , Counsellor (S&T), Embassy of India, Tokyo, GoI
13:32 – 13:39	10:02 – 10:09	Welcome & Opening Remarks	H.E. Mr. Sanjay Kumar Verma , Ambassador of India to Japan, GoI
13:39 – 13:46	10:09 – 10:16	Opening Remarks	Mr. Ono Hiroshi , Director General of the Global Environment Bureau, Ministry of Environment, GoJ (MoEJ)
13:46 – 13:53	10:16 – 10:23	Opening Remarks	Mr. Totani Gen , Director for Deep Sea-Earth Scientific Research Ocean and Earth Division, Research and Development Bureau, Ministry of Education, Culture, Sports, Science and Technology (MEXT), GOJ.
13:53 – 14:00	10:23 – 10:30	Special Remarks	Dr. Kaname Ikeda , Ex-Ambassador & President, Remote Sensing Technology Center of Japan (RESTEC)
14:00 – 14:07	10:30 – 10:37	Special Remarks	Mr. Naresh Pal Gangwar , Joint Secretary, Ministry of Environment, Forest and Climate Change (MoEFCC), GoI
14:07 – 14:17	10:37 – 10:47	Keynote Address	Dr. M. Rajeevan , Secretary, Ministry of Earth Sciences (MOES), GoI
14:17 – 14:24	10:47 – 10:54	Initiatives at SPFOPRI	Prof. Atsushi Sunami , President, The Sasakawa Peace Foundation and Ocean Policy Research Institute
14:24 – 14:31	10:54 – 11:01	Initiatives at Kozikhode City	Dr. Beena Philip , Mayor, Kozikhode City, Kerala
14:31 – 14:38	11:01 – 11:08	Initiatives at JAMSTEC	Dr. Hide Sakaguchi , Executive Director, Japan Agency for Marine-Earth Science and Technology (JAMSTEC)
14:38 – 14:45	11:08 – 11:15	Initiatives at JICA	Mr. Miura Sho , Deputy Director, Environmental Management Team 2, Global Environment Department, Japan International Cooperation Agency (JICA)
14:45 – 14:50	11:15 – 11:20	Initiatives at MoES and international cooperation	Dr. M.P. Wakdikar , Scientist 'G', Ministry of Earth Sciences, GoI

Program – Presentations & Discussions: (Moderated by Dr. Remi Chandran, Senior Expert, RESTEC, Japan)

JST	IST	Topic	Speaker
14:50 – 15:02	11:20 – 11:32	Automatic detection of beached marine litter in images using AI techniques	Dr. Mitsukou Hidaka , Japan Agency for Marine-Earth Science and Technology (JAMSTEC), Tokyo
15:02 – 15:14	11:32 – 11:44	Assessment of Marine Litter and microplastic pollution along the Indian coasts - Necessity of Marine Litter Policy	Dr. M.V. Ramana Murthy , Director, National Centre for Coastal Research (NCCR), Chennai
15:14 – 15:26	11:44 – 11:56	Remote sensing and Geo-spatial information for Monitoring Plastics	Dr. Mukaida Akira , Remote Sensing Technology Center of Japan (RESTEC), Tokyo
15:26 – 15:38	11:56 – 12:08	Assessment of Marine Litter and microplastic pollution along the Indian coasts - Necessity of Marine Litter Policy	Dr. Pravakar Mishra , Scientist F, National Centre for Coastal Research (NCCR), Chennai
15:38 – 15:50	12:08 – 12:20	Understanding the global distribution of marine plastics	Dr. Sanae Chiba , Japan Agency for Marine-Earth Science and Technology (JAMSTEC), Tokyo
15:50 – 16:02	12:20 – 12:32	Plastics and microplastics in Ocean: An emerging pollutants to emerging threat to ecosystem	Dr. Mahua Saha , Senior scientist, Chemical Oceanography Division (COD), National Institute of Oceanography (NIO), Goa
16:02 – 16:14	12:32 – 12:44	Comprehensive solution to prevent marine plastic waste and climate change	Dr. Minoru FUJII , Head of Eco-society Innovation Section, Center for Social and Environmental Systems Research, National Institute for Environmental Studies (NIES), Tokyo
16:14 – 16:26	12:44 – 12:56	Assessment of Marine Plastics in the Northern Indian Ocean	Dr. R. Venketesan , Scientist G, National Institute of Ocean Technology (NIOT), Chennai
16:26 – 16:38	12:56 – 13:08	Marine biodegradable materials to substitute for conventional plastics	Dr. Noriyuki Isobe , Japan Agency for Marine-Earth Science and Technology (JAMSTEC), Tokyo
16:38 – 16:50	13:08 – 13:20	Microplastic pollution in Arctic Fjord: Study on the sediment and water samples of Kongfjorden, Ny-Alesund	Prof. E V Ramasamy , Professor, School of Environmental Sciences, Dean, Faculty of Environmental and Atmospheric Science, Mahatma Gandhi University, Kottayam, Kerala
16:50 – 17:02	13:20 – 13:32	Impact of plastics on marine environment from Gujarat coast, India and their decontamination or Chemical Recycling	Dr. Sumit B. Kamble , Scientist, Central Salt and Marine Chemicals Research Institute (CSMCRI), Bhavnagar, Gujarat, India

Program – Presentations & Discussions

JST	IST	Topic	Speaker
17:02 – 17:32	13:32 – 14:02	Q&A Session / Discussion	
17:32 – 17:37	14:02 – 14:07	Way Forward & Closing Remarks	Comdr. P.K. Srivastava, Scientist F, Ministry of Earth Sciences, Gol
17:37 – 17:42	14:07 – 14:12	Way Forward & Closing Remarks	Dr. Remi Chandran, Senior Expert, Remote Sensing Technology Center of Japan (RESTEC), Japan
17:42 – 17:45	14:12 – 14:15	Vote of Thanks	Dr. Usha Dixit, Counsellor (S&T), Embassy of India, Tokyo, Gol

Speaker(s)



H.E. Mr. Sanjay Kumar Verma
Ambassador of India to Japan

Graduated from Patna University and then pursued a Post-Graduate degree in Physics at Indian Institute of Technology (IIT), Delhi. He is an officer of the 1988 batch of Indian Foreign Service (IFS). He was stationed at the Consulate General of India, Hong Kong and at the Embassy of India in China, Vietnam and Turkey, before serving as the Consul General of India in Milan, Italy. Ambassador Verma was also the Indian Ambassador to the Republic of Sudan. Following his tenure in Sudan, Ambassador Verma served as Joint Secretary (Global Estate Management) in MEA, New Delhi. Prior to his arrival in Japan as the Ambassador of India, Amb. Verma was posted in MEA, New Delhi as Additional Secretary (Administration) and was also in charge of the Cyber Diplomacy Division.



Mr. Hiroshi ONO

Director General, Global Environment Bureau,
Ministry of the Environment, Government of
Japan

Mr. Hiroshi ONO is currently serving as Director General, Global Environment Bureau, Ministry of the Environment (MOE), Japan. He has completed his graduation from the Graduate School of Engineering, the University of Tokyo. Previous to current position he has also served as Director, Policy Planning Division, Waste Management and Recycling Department, Environmental Transport Policy Division, Office of Environmental Impact Assessment Review at MOE and served as Board Member at Toyama Prefecture.



Mr. TOTANI Gen

Director, Deep Sea-Earth Scientific Research,
Ocean and Earth Division, Research and
Development Bureau, Ministry of Education,
Culture, Sports, Science and Technology
(MEXT), Japan

Mr. Totani Gen is presently serving as Director, Deep Sea-Earth Scientific Research, Ocean and Earth Division of Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan and as a member of Group of Experts on Capacity Development at UNESCO Intergovernmental Oceanographic Commission. He has done his graduation from Tokyo No-Ko (Agriculture and Technology) University, Japan and has served as JICA Advisor on Forest and Climate Change, National Directorate of Forest, Ministry of Land and Environment, Mozambique. In his previous assignments he has also worked with Ministry of Agriculture, Forestry and Fisheries (MAFF), Ministry of Foreign Affairs, Japan and Ministry of Agriculture and Cooperatives, Thailand.



Dr. Kaname Ikeda

Ex-Ambassador & President, Remote Sensing
Technology Center of Japan (RESTEC)

Having graduated from Tokyo University, joined the Science and Technology Agency in 1968 and served there as Director-General for Nuclear Safety from 1996 to 1998, Director-General for R&D from 1998 to 2000 and Deputy Minister for Science and Technology from 2000 to 2001. In 2001, joined the NASDA (now JAXA) as an Executive-Director till 2003, and served as Ambassador of Japan to Croatia from 2003 to 2006. Then became Director-General for ITER International project in November 2005 and established the ITER Organization under ITER Treaty among EU, Japan, Russia, United States, America, China, Korea and India and brought the construction of ITER in full-swing by Summer in 2010. Having resigned from the ITER, in April 2011 joined the RESTEC of Japan and became President in June 2012.

Speaker(s)



Mr. Naresh Pal Gangwar

Joint Secretary, Ministry of Environment,
Forest and Climate Change, Government of
India

Presently, Mr. Naresh Pal Gangwar (IAS 1994-Batch of Rajasthan cadre) is Joint Secretary in Ministry of Environment, Forest and Climate Change (MoEF&CC). Prior to this he has served as Principal Secretary – Industries, Micro, Small and Medium Enterprises (MSMEs), Investment & NRIs, BIP and Delhi Mumbai Industry Corridor. He had also held the charge of Officer on Special Duty (OSD), Bhiwadi Integrated Development Authority.



Dr. M. Nair Rajeevan

Secretary, Ministry of Earth Sciences
(MoES), Government of India

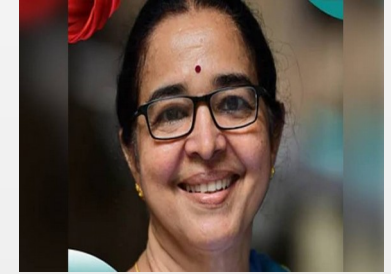
Presently Dr. M. Nair Rajeevan is Secretary in Ministry of Earth Sciences (MoES), GoI and has served as Senior Scientific Assistant, IR Astronomy Group at Tata Institute of Fundamental Research (TIFR), Mumbai during December 1983-August 1985. During September 1985-June 2008 he was positioned as Meteorologist/Director of the National Climate Centre at Meteorological Department, Pune. From July 2008-January 2012 he served as Senior Scientist, Scientist-F at National Atmospheric Research Laboratory, Department of Space, Tirupati. Further, he served as Scientist-G/Adviser at Ministry of Earth Sciences, Government of India from February 2012-March 2015.



Prof. Atsushi Sunami

President, The Sasakawa Peace Foundation
and Ocean Policy Research Institute, Japan

Prof. Atsushi Sunami is the President of The Sasakawa Peace Foundation, as well as the President of the Ocean Policy Research Institute of The Sasakawa Peace Foundation. He is also Director of the SciREX center and Executive Advisor to the President at the National Graduate Institute for Policy Studies (GRIPS) and Guest Professor at the Research Organization for Nano & Life Innovation at Waseda University. He is currently serving as a member of the Basic Policy Group under the Committee on National Space Policy in the Cabinet Office, also as Chair of the Space Utilization Promotion Round-table under the Minister for Space Policy in the Cabinet Office. In addition, he is a member of the Innovation Strategy for Security and Safety at the Cabinet Office and on the Advisory Board for the Promotion of Science and Technology Diplomacy in the Ministry of Foreign Affairs, Japan. He holds a BSFS from Georgetown University and an MIA and PhD in Political Science from Columbia University.



Dr. Beena Philip

Mayor, Kozhikode City, Kerala, India

Dr. Beena Philip is the Mayor of Kozhikode Municipal Corporation, elected to office in December 2020 and is only the 4th woman to be the Mayor in Kozhikode city. Previously, Dr. Beena Philip was the Principal at the Nadakkavu Government Girls Vocational Higher Secondary School which currently holds the second rank among government schools in India for all-round excellence in the country. Under her leadership, she transformed the school to world standards in 2013.

Dr. Beena Philip was also engaged with Oxford University Press and the State Council of Educational Research and Training (SCERT) – serving as a resource person for developing educational materials for Kerala State. She holds a PhD in Education with her thesis exploring on 'Learner Autonomy and Constructivism'.

Speaker(s)



Dr. Hide Sakaguchi

Executive Director, Japan Agency for Marine-Earth Science and Technology (JAMSTEC)

Dr Hide Sakaguchi commenced his appointment as Executive Director of JAMSTEC in April 2018. He joined JAMSTEC in 2003 and his roles included Group Leader and Program Director of the Institute for Research on Earth Evolution (IFREE), Director of the Department of Mathematical Science and Advanced Technology (MAT), and Assistant Executive Director.

Prior to joining JAMSTEC, he served as Research Associate at Kobe University, Senior Research Scientist at the Division of Exploration and Mining of the Commonwealth Scientific and Industrial Research Organisation (CSIRO) of Australia, and Adjunct Professor at the Earthquake Research Institute of the University of Tokyo.

Dr Sakaguchi is specialised in Computer Science, Geoscience, and Engineering. He received a PhD from the Graduate School of Agriculture, Kyoto University in 1995.



Mr. Miura Sho

Deputy Director, Environmental Management Team 2, Global Environment Department, Japan International Cooperation Agency (JICA)

Sho Miura is a Deputy Director at the Japan International Cooperation Agency (JICA). He works with governments and various international organizations to make solutions for waste and environmental issues. He has over 15 years of experience in government working as an officer of the Ministry of the Environment and the Ministry of Foreign Affairs of Japan. He served as a Second Secretary/Environmental Attaché at the Embassy of Japan in India and Bhutan, and successfully established the Japan's Blue Sky Initiatives Project in India to help control the air quality of Delhi.



Dr. M.P. Wakdikar

Scientist 'G', Ministry of Earth Sciences (MoES), Government of India

Dr. Milind Wakdikar has completed his Bachelors, Masters and Doctorate degrees from Indian Institute of Technology, Bombay. He has worked in Department of Ocean Development, now redesignated as Ministry of Earth Sciences, for more than 27 years and is currently heading the programme on oceans including the new initiative on Deep Ocean Mission in the Ministry. He has been regularly participating in the meetings of States Parties on Law of the Sea in the United Nations from India for more than 17 years. He is also a Member of Legal and Technical Commission of International Seabed Authority.



Dr. Usha Dixit

Counsellor (Science & Technology), Embassy of India, Tokyo, Government of India

Dr. Dixit is presently deputed at Embassy of India, Tokyo, Japan, as Counsellor, Science & Technology. She has been associated with Department of Science & Technology (DST), Government of India, for the last 16 years and was involved in project financing/policy planning and management of innovative S&T projects especially for women, elderly, young students and young scientists such as-"Societal based Women Fellowships programme", "Young Scientist programme", "Technology Interventions for Elderly and disabled-TIDE", etc. Dr. Dixit has also been engaged in co-ordination and management of the programmes on Technology Incubation, Innovation and Entrepreneurship development. She is a Doctorate in Biotechnology from Central Food Technology Research Institute (CFTRI), Mysore, India. She has also worked as Postdoctoral Fellow at Tokyo Institute of Technology, Japan and as CSIR- Research Associate at ITRC, Lucknow, India. Dr. Dixit has 29 publications in reputed national/international scientific journals as well as chapters in Books and Three Patents during her research career. Dr. Dixit is also an active Member of Editorial Board & Reviewer of select Scientific Journals as well as Member of Evaluation/Screening Committees.

Speaker(s)



Comdr. P.K. Srivastava

Scientist F, Ministry of Earth Sciences
(MoES), Government of India

Presently, CDR Prashant Kumar Srivastava is serving as Project Director for the Ocean Sciences and Resources division of the Ministry of Earth Sciences (MoES), New Delhi. He is an ex-naval officer who has more than two decades of maritime experience, An International Hydrographic Organization (IHO) qualified Cat 'A' hydrographer and physical oceanographer who has vast experience in the field of bathymetric surveying. He has held important staff and training appointments in the Navy which include amongst others, Command of Naval research vessels and Chief Instructor at National Institute of Hydrography, Goa. He had been deputed to Mauritius by Government of India to singlehandedly set up the 'hydrographic survey unit' for the Ministry of Land Estates of the Government of Mauritius. He has also been a member of the Indian Summer Expedition to Antarctica and awarded the "Chief of the Naval Staff" commendation for successfully surveying the Antarctic waters. He has also served as the Hydrographic Chief of the Inland Waterways Authority of India (IWAI), Ministry of Shipping for the project on "River Information Systems (RIS)" on National Waterways (NW- 1) being the first of its kind in the South Asian region.



Dr. Remi Chandran

Senior Expert, Remote Sensing Technology
Center of Japan (RESTEC), Japan

Dr. Remi Chandran is a Senior Expert at the Remote Sensing Technology Center of Japan (RESTEC) and works on international relations and project coordination on issues related to Global Environmental Governance and Global Earth Observation. His area of expertise is on public policy and environmental governance and, more specifically on how expert-networks comprised of scientific and non-scientific experts can bridge science and policy. His practical and significant contribution has been on developing information technology and policy tools to facilitate an evidence-based policy making process; including the development of the Wildlife Enforcement Monitoring System (WEMS) - an initiative he established while at UN University in Tokyo in 2005. WEMS is currently implemented by Lusaka Agreement Task Force (LATF) in Kenya, Uganda, Tanzania and Congo. Dr Remi Chandran has more than 20 years of experience, working with Governments and United Nations organizations and has managed several national and international developmental projects. He is also a recipient of UNU-IAS fellowship (2012-2013), Erasmus Mundus Scholarship (2010-2013) and The Irish Government (ICOS) fellowship (1995-97). His work on WEMS initiative has been quoted by several media including Reuters, Kyodo news and Japan Times. Dr Chandran completed his PhD at University of Twente in Netherlands and MSc at University College Dublin, Ireland.

Presenter(s)



Dr. Mitsuko Hidaka

Research Assistant, Research Institute for
Value-Added Information Generation (VaiG),
Japan Agency for Marine-Earth Science and
Technology (JAMSTEC), Japan

Dr. Mitsuko Hidaka is a marine biologist. She received her Ph.D. degree from Kitasato University in 2019 in the field of Fisheries Science, specializing in Deep sea gelatinous zooplankton ecology. Now she is involved in several different projects at JAMSTEC that apply machine learning (especially deep learning) approaches, for instance, super-resolution for marine litter detection and super-resolution for bathymetric maps, etc.



Dr. M.V. Ramana Murthy

Director, National Centre for Coastal Research
(NCCR), Chennai

Dr. M.V. Ramana Murthy, Scientist G & Director, NCCR, Specialized in Offshore and Coastal Hydrodynamics, Wave Structure Interaction, Modelling of (Coastal Processes, Tsunami, Storm Surge, Urban Flooding), Port and Harbour Structures and Marine Spatial Planning. Also looks after the programmes of Ocean Structures/ Island Desalination, and Coastal and Environmental Engineering at National Institute of Ocean Technology. Worked in Vishakapatnam Port Trust and Engineers India Ltd (EIL) in various position in Planning, Design and Execution of developmental projects. Later joined Ministry of Earth Sciences in 1999 as, Scientist-D at ICMAM-PD, served NCCR and NIOT in various positions and became Scientist -G in 2013.

His Qualification include B.E (Civil), M.Tech (Planning), CEPT, Ahmadabad, M.Tech in Ocean Engineering, IITM, Chennai and Ph.D, Ocean Engineering, IITM, Chennai.

Presenter(s)



Dr. Mukaida Akira

Remote Sensing Technology Center of Japan
(RESTEC), Tokyo

Dr. Mukaida Akira have worked for research and analysis field till Jun. 2012. Until then have been involved for various JAXA (NASDA) EO satellite missions. In the most of the mission involved for sensors calibration and validation and development of data application.

Also involved with Japan-Thailand space agency cooperation project on agriculture, flood and coastal erosion in 2011. In the project, special emergency observation for Thai flood by airborne SAR has been carried out.

Position changed for Application and Service dpt. in Jun. 2012. Have been worked for marketing of solution business using EO satellite application.



Dr. Pravakar Mishra

Scientist F, National Centre for Coastal
Research (NCCR), Chennai

Currently, working as a scientist- F, leading the "Prediction of coastal water quality" and "Marine Litter and micro plastic in the Marine environment" programs at National Centre for Coastal Research (NCCR) of Ministry of Earth Science (MoES), Chennai. He is a trained physical oceanographer, did his PhD in Marine Science from Berhampur University, Odisha in 1993, Doctorate in Agriculture (Aquatic Bioscience) in 2001 and Post-doc from 2001-2004 at Ocean Research Institute (ORI), The University of Tokyo, Japan. He joined the National Center for Coastal Research (formerly known as ICMAM-PD), MoES in 2004, and since then, associated with some of the research programs of the Ministry such as Shoreline Management Plan, Mapping and Modelling of Tsunami, Sea water quality monitoring and Prediction of pollutants, and Marine litters & Micro plastics. He has published about 60 research papers/ articles/ book chapters related to coastal process, sedimentation, hazards, pollution and marine Litter and microplastic related issues. He has participated in a number of scientific cruises in the Pacific Ocean, China Sea and Bay of Bengal. During last two years, he has participated in the Expert committee meeting on Marine Litter and Microplastics of the United Nations Environment Agency (UNEP) at Nairobi, and Geneva for and Protection of Arctic Marine Environment (PAME) meeting at Oslo, Norway.



Dr. Sanae Chiba

Group Leader, Marine Plastics Research Group,
Research Institute for Global Change (RIGC),
Japan Agency for Marine-Earth Science and
Technology (JAMSTEC), Japan

Dr. Sanae has studied biology of marine mammals and plankton through her academic career. After completing her Ph.D. on plankton ecology in the Antarctic Sea at Tokyo University of Fisheries, she worked at Japan Agency for Marine-Earth Science and Technology (JAMSTEC), where her research theme has been marine ecosystem response to climate change. She has studied mechanisms of interannual to decadal ecosystem changes in regional to basin scales using historically collected plankton data set, such as the Odate Collection. In 2009, she started taking part in the North Pacific Continuous Plankton Recorder (CPR) Survey, which has been operated by Sir Alister Hardy Foundation of Ocean Science (SAHFOS) since the early 2000s. She was on secondment at UNEP-World Conservation Monitoring Centre in the UK to learn marine science-policy interface for 2016-2019. Back in JAMSTEC, she is currently leading the newly launched Marine Plastics Research Group with a keen interest in citizen science in the global ocean observation system.



Dr. Mahua Saha

Senior Scientist, Chemical Oceanography
Division, National Institute of
Oceanography (NIO) Goa

Dr. Mahua Saha is presently a Senior Scientist at CSIR-National Institute of Oceanography (NIO), Goa. She has done her Master of Science in Marine Science from University of Calcutta, Kolkata and her Ph.D in Environmental Science as well as her post doctorate from Tokyo University of Agriculture and Technology (TUAT), Tokyo, Japan. She is a peer reviewer for several journals and has published 30 no.s of research publications.

Presenter(s)



Dr. Minoru FUJII

Head of Eco-society Innovation Section, Center for Social and Environmental Systems Research, National Institute for Environmental Studies (NIES), Tokyo

He got a Doctor of Engineering from Department of Chemical System Engineering, The University of Tokyo in 2001. Currently, he is the head of Eco-society Innovation Section at National Institute for Environmental Studies (NIES). He also serves as a Visiting Professor of Nagoya University and a Visiting Professor of The University of Tokyo. He studies an integrated waste management system, circular economy including plastics and a decarbonized society.



Dr. R. Venketesan

Scientist G, National Institute of Ocean Technology (NIOT), Chennai

Dr Venkatesan has 37 years of work experience in NIOT. He served in Colombo, Sri Lanka, as a Regional Coordinator under the United Nations Environment Programme on deputation from 2008 to 2010. He teaches ocean policy and ocean observation tools in IITs. He was a Fulbright Scholar and served as a national consultant for marine litter and regional consultant for the marine oil Pollution. He has established ocean observing systems in Indian waters including for tsunami early warning and state-of-the-art 24x7 manned real time data reception facility for coastal natural disaster. He has published 135 papers, filed 6 patents and technology transfer of products to Industry support to students and societal programme on cage culture. He has been elected/nominated to high level positions in committees of World Meteorological Organisation at Geneva and UNESCO-Intergovernmental Oceanographic Commission, Paris and other International groups/bodies. He is part of team to develop global Integrated Marine Debris Observation System programme under the GOOS of UNESCO- IOC and has developed Best practice on survey of marine plastics in open ocean. Currently he is executing a project on marine plastics survey by MoES-NCCR.



Mr. Noriyuki Isobe

Researcher, Research Institute for Marine Resources Utilization, Japan Agency for Marine-Earth Science and Technology (JAMSTEC), Japan

Dr. Noriyuki Isobe is currently a researcher at JAMSTEC. He completed his Ph.D. in 2014, master in 2011, and bachelor in 2009 at the University of Tokyo, Japan. He spent 1 year during Ph.D. and 2 and 9 months as postdoctoral researcher at Centre de recherches sur les macromolécules végétales (Cermav, CNRS) and Laboratoire Rhéologie et Procédés (Université Grenoble Alpes) in France. He started his career as a postdoctoral fellow at JAMSTEC in 2017 and started working as a researcher in 2020.

His research interest lies in the area of polysaccharides, especially physicochemical characterization of cellulose and chitin, and development of novel materials based on them.



Prof. E V Ramasamy

Professor, School of Environmental Sciences, Dean, Faculty of Environmental and Atmospheric Science, Mahatma Gandhi University, Kottayam, Kerala

Dr E.V. Ramasamy is currently serving as Professor at School of Environmental Sciences, Mahatma Gandhi University, Kottayam, Kerala, India. He is also serving as Dean of Faculty of Environmental and Atmospheric Sciences, Mahatma Gandhi University. In his 30 years of professional career, he has guided 13 PhD scholars, 30 MPhil scholars and 120 research publications including two books to his credit. He works on Municipal Solid Waste (MSW) management, wastewater treatment using Anaerobic techniques and on water pollution by heavy metals and microplastics. His team also work on the contaminants of Vembanad lake - one of the three Ramsar sites in Kerala, India. He has also participated in Indian Arctic Expedition (Summer batch 2019) and Indian Scientific Expedition to Southern Ocean (Antarctic Coast) ISEO 2020 for research on Microplastics. He is also serving as member of several committees of Government of Kerala.



Dr. Sumit B. Kamble

Scientist, Central Salt and Marine Chemicals Research Institute (CSMCRI), Bhavnagar, Gujarat, India

Dr. Sumit B. Kamble presently is a scientist at CSIR-CSMCRI, Bhavnagar. His research career involves working in areas of chemicals recycling of the plastics, development of functional materials, etc. He obtained his Ph.D in synthetic chemistry from CSIR-National Chemical Laboratory, Pune and worked as DSK and National Postdoctoral Fellow (DST-SERB) during 2016-2019. He has 11 no.s of research publications in reputed Journals.