



QUARTERLY BULLETIN

SPOTLIGHT

“Time for Nature”

Welcome to the second issue of the Bulletin of the Mobius Foundation for the quarter April to June 2020. While, the world is still grappling with the COVID-19 pandemic, the spotlight of this year's world environment day on June 5 was on biodiversity and nature. It was an occasion to focus on the link between nature and the pandemics, and the role of biodiversity in developing response, resilience and coping strategies against it. Nature acts as our defense system by providing us with solutions to avoid future pandemics. It ensures food and nutrition security by providing biodiverse calorie mix. Indian system of medicine is mostly nature and biodiversity based. In the modern medicine too, almost 50% of prescription drugs are based on plant derived molecules found in nature, while 70% of cancer drugs are natural or synthetic products inspired by nature. World Economic Forum (WEF), Global Risks Report, 2020, ranks biodiversity loss and ecosystem collapse among the top five risks in terms of likelihood and impact in the coming 10 years. The New Nature Economy Report 2020, of WEF also emphasizes on the fact that over half of the world's GDP is highly dependent on nature, which is almost a third of GDP for emerging economies such as of India and Indonesia.

We had several important international events focused on nature and environment during the quarter starting with the 50th anniversary of the International Mother Earth Day (22 April-theme 'climate action'), International Day for Biological Diversity (22 May- theme 'our solutions are in nature'), World Environment Day (5 June- theme 'celebrating biodiversity'), World Ocean Day (8 June- theme 'Innovation for a sustainable ocean') and culminating in the World Day to Combat Desertification and Drought (17 June- theme: Food. Feed. Fiber. - the links between consumption and land). These events were observed virtually for the first time due to the pandemic reminding us about our vulnerability to disruptions and shocks by the pandemic. Corona viruses are zoonotic or of animal origin, a direct consequence of loss of nature and habitat. Some 60% of known, 75% of emerging infectious diseases and around 1 billion illnesses, millions of deaths occur every year from zoonoses. The COVID 19 pandemic continues to haunt us with its rapid spread across the country, regions and the world, causing damage to life and livelihoods at an unprecedented scale. We have adapted to the new normal of social distancing, using face masks, sanitizing hands, working from homes, and many other practices to contain the spread of the disease. There is uncertainty when the life will get back to normal. The pandemic provides us an opportunity to look back to nature for solutions to “Build Back Better” by boosting our resilience as we recover from the pandemic.

Dr. Ram Boojh
CEO, Mobius Foundation



“Faith, Hope and Charity helps us in having confidence, expecting yourself to achieve your objective, working unselfishly for the survival of future generations and the survival of the only planet we have to live in. The key to sustainability is awareness and education from a very young age. This is what Mobius Foundation is working towards.”

– Mr. Pradip Burman,
Chairman, Mobius
Foundation

PROGRAMMES



ICSE FORUM: World Environment Day 2020 Webinar; Principal's Conclave on Sustainability Education in COVID Era June 4 & 5, 2020

The two day International Webinar jointly organized by Mobius Foundation, The Climate Reality Project India, UNESCO New Delhi Office, CEE and FEE and other partners, **deliberated on the inter-linkages between COVID-19 pandemic, biodiversity and how sustainability education can be a strategic asset to address both the environment and pandemic challenge. The objective was to sensitize teachers, principals and educators about sustainability concerns and provide an opportunity for partnership between schools and research networks in ESD.**

The webinar was conducted over two days so as to accommodate the wider views from stakeholders and represent them holistically.

DAY I, June 4, 2020

Opening of the International Webinar and Principals' Conclave

The webinar was attended by 160 + participants on ZOOM and online broadcast were further viewed by 6000+ viewers from all across the globe on through social media. Dr. Ram Boojh, CEO Mobius Foundation chaired the session and introduced the theme of the webinar. Mr. Atul Bagai, Director, UNEP India office in his inaugural address, highlighted the role of education in preserving biodiversity and ecosystem, as well as containing the pandemic. **Mr. Kartikeya V Sarabhai, Founder and Director, Centre for Environment Education (CEE)** in his key note address noted with concern that COVID 19 has taught us about threats of the tiny microbes and their scale and announced the launch of **“Mighty Microbes”** program by CEE and UNEP to make people aware about trillions of microbes. **Dr. Pramod Sharma, Senior Director of Education, FEE** talked about how FEE responded to COVID 19 challenge and is trying to bridge the digital divide. **Ms. Seema Bali, Vice Principal, St. Mary's School, Dwarka, New Delhi** focused on the importance on how green campus helps in sustainability education. **Mr. Ben Green, Geography Teacher and Head of Outdoor Education Whitgift School, London** talked on introducing Global Citizenship into the curriculum. **Ms. Sumedha Jayaweera, Principal, St. Paul's Girls' School, Colombo, Sri Lanka** shared her thoughts from our neighboring country Sri Lanka.

Mr. Aditya Pundir, Country Manager, Climate Reality Project India, introduced about objective of the Principals' Conclave in which the participants were divided in to 10 groups of 7 members each to discuss the challenges, solutions of education in COVID era and why inculcation of sustainability education is important.

DAY II, JUNE 5, 2020

International Webinar and World Environment Day Event

The Webinar was chaired by Mr Pradip Burman, Chairman, Mobius Foundation and Trustee Climate Reality Project India. **Dr Ram Boojh, CEO, Mobius Foundation** moderated the deliberations and highlighted the significance of observing the world environment day during the unprecedented covid pandemic by celebrating biodiversity and nature. **Mr. Ashok Pandey, Chairperson Council for Global Citizenship Education** presented the proceedings of the breakout sessions held on the 4th June 2020, which recommended for collective action to produce a new design of learning, commitment to SDGs, fostering beautiful relationship between human and nature.

Dr Huma Masood, National Programme Officer Gender and Education, UNESCO New Delhi in her opening remarks stressed upon the need for transformation of the education system in COVID Era and the changes brought out by this crisis must be viewed as an opportunity to save our mother earth. **Ms. Donna Goodman, Founder and Executive Director, Earth Child Institute (ECI)** talked on how to learn and live in a more sustainable way thus fulfilling the vision of a new, brighter future. **Ms. Gayatri Raghwa, Environment Education Consultant, UNEP** shared her views on Education: Building back better by bridging the technology gap and bringing a balance between online and on ground efforts once the lockdown is over. **Mr. Pradip Burman, Chairman, Mobius Foundation**, chair of the webinar talked about his views reflecting insights from both the days. He said that one should not forget what COVID 19 has taught us and we should take forward the learning, once the situation is normal. He concluded by saying that change has to be adapted and we have to bring change in the way teachers have to teach in COVID Era. The session was concluded with a vote of thanks from **Mr. Aditya Pundir, Country Manager, Climate Reality Project India**. He mentioned about efforts of his organization in this domain and promised to take forward these learning's through future ICSE Forums



World Environment Day 2020 Webinar
Principal's Conclave on
Sustainability Education in COVID Era

DAY 1 SPEAKERS
June 4 2020, 17:30 to 19:30 hrs IST

 <p>DR. RAM BOOJH CEO, Mobius Foundation</p>	 <p>MR. ATUL BAGAI Director, UNEP India office</p>
 <p>MR. KARTIKEYA V SARABHAI Founder and Director, Centre for Environment Education (CEE)</p>	 <p>MR. PRAMOD KUMAR SHARMA Senior Director of Education, Foundation for Environmental Education (FEE)</p>
 <p>MS. SEEMA BALI Vice Principal, St. Mary's School, Dwarka, New Delhi</p>	 <p>MR. BEN GREEN Geography Teacher and Head of Outdoor Education Whitgift School</p>
 <p>MS. SUMEDHA JAYAWEERA Principal, St. Paul's Girls' School, Colombo, Sri Lanka</p>	 <p>MR. ADITYA PUNDIR Country Manager, Climate Reality India</p>



World Environment Day 2020 Webinar
Principal's Conclave on
Sustainability Education in COVID Era

DAY 2 SPEAKERS
June 5 2020, 17:30 to 19:30 hrs IST

 <p>CHAired BY MR. PRADIP BURMAN</p>	 <p>DR. RAM BOOJH CEO, Mobius Foundation</p>	 <p>MS. HUMA MASOOD National Programme Officer Gender and Education, UNESCO</p>
 <p>MR. ASHOK PANDEY Chairperson, Council for Global Citizenship Education</p>	 <p>MR. ADITYA PUNDIR Country Manager, Climate Reality India</p>	 <p>MS. DONNA GOODMAN Founder and ED Earth Child Institute (ECI)</p>



COVID 19 RELIEF ACTIVITIES

The declaration of lockdown across the nation on 24 Mar 2020 had caused severe hardship to daily wage earners. With the likelihood of further spread of COVID 19, there was also an urgent requirement by the Government to strengthen and enhance the capability of local medical infrastructure. It also resulted in loss of livelihood for millions of people. However, daily wage earners, poor people were severely affected. In consonance with its vision and ethos; Mobius Foundation decided to initiate 'Covid-19 Relief & Sanitization Project'.

Distribution of essentials was done in Delhi NCR, Uttar Pradesh, Uttarakhand, Haryana and Karnataka.

Gaziabad-Hapur-Noida Relief Activity

The 3 district in Uttar Pradesh were extensively covered to provide relief care to the families in need in the following areas.

Pilkhwa- Shamli- Pratapur- Atrauli - Avalpur- Modi Nagar-Meerapur- Govind Puram- Hapur-HPDA- Noida Sectors (8, 35, 37, 39, 45, 63)- Vasundhara - Indirapuram - Vaishali - Khoda - Sidharth Vihar - Vijay Nagar – Nadla Basti (Pahargunj, Delhi)

Mobius Foundation tied up with **Lite Bite Foods** to provide Dry Ration Packets. Objective was to provide healthy, Nutritious & hygienic food.

The work was also done in coordination with Local authorities and official to reach to deep areas. Police Official and Health Works/ Doctors were also provided with protection kits. Mr Gaurav Mittal from DIVINITY foundation helped in co coordinating local volunteers & helped in getting permits.



Uttar Pradesh Relief Activity

Project AAKAR Reaches Out to UP Health Deptt & Community in Focus communities During COVID -19

Project AAKAR extended its support to Dept. of Health Uttar Pradesh in the face of COVID 19. Donated 500 PPE -kits and 3000 masks to Lucknow COVID care command office. Simultaneously at community level we did ration distribution among the most marginalised families across 16 villages. On Awareness & engagement level we curated and were carrying an interactive digital campaign – SMS/ WhatsApp among our beneficiaries. The campaign did mix of awareness about corona safe messages & gives reminder about family planning messages. From June onwards post lockdown relaxation, our male volunteers of project were carrying contraceptives at village level are handing it over to ASHAs to be distributed further to beneficiaries.



Uttarakhand Relief Activity

Packets of dry ration were distributed through the network of Government Official of Uttarakhand. Mobius Foundation extends its gratitude to the following officials for helping in the time of crisis and reaching to the people at large scale.

- SDMLaksar
- Municipal Corporation Chairman Laksar
- Mayor Roorkee
- MLA Roorkee
- Ex MLA Haridwar
- Hon'ble Speaker Uttarakhand
- Hon'ble Agriculture Minister Uttarakhand
- SDM Roorkee

Receiving letter with the list of beneficiary has also been issue to Mobius Foundation from all the below listed officials. Areas were widely covered with the help of Government officials as listed below and total number of beneficiary were 5000+ people.

एनजीओ ने पालिका को सॉपे राशन के 450 पैकेट
लक्सर। दिल्ली की एक एनजीओ मोबियस फाउंडेशन ने राशन के 450 पैकेट नगर पालिका प्रशासन के सुपुर्द किए। फाउंडेशन के डीजीएम तुषार गुप्ता ने बताया कि संस्था की ओर से लक्सर तहसील प्रशासन को एक हजार राशन के पैकेट उपलब्ध करा दिए गए हैं। बुधवार को 450 राशन के पैकेट नगर पालिका चेरमैन अंबरीष गर्ग के सुपुर्द किए गए। इस मौके पर शिवकुमार गर्ग, अनिल अग्रवाल, डॉ. सुनील कुमार, राहुल गर्ग, हिमांशु गोयल, संदीप कुमार, गौरव मल्लोत्रा आदि थे।

Haryana Relief Activity

Mobius Foundation with the help of SATHI as implementation arm has taken the initiative to implement Covid-19 Relief and Sanitization Project in more than 20 villages in Haryana. The team worked for 30 Days, in which sanitization was done in more than 20 villages and provided Groceries (dry ration) to 750 people.

Support from District Administration – SDM & BDO was very helpful. Moreover, this initiative motivated volunteers to support. This project was appreciated very much by the villagers, beneficiaries, local administration, Sarpanch etc.

There were two major components of this Project –

- **Relief Work:** Supply of essential food items to needy people.
- **Sanitization Work:** Spray of sanitizer liquid at public places in nearby villages.



Karnataka Relief Activity

A. Distribution to Medical Authority, Education Dept. and Police Officials

District Medical Authority: There was request of ventilators to enhance the local hospital capabilities and PPE kit cum masks for protection of doctors/nurses/medical staff by district medical officer. The Ventilators for Hospitals, PPE kit for Medical Staff (Doctors, Nurses and Technicians), N95 Masks –(For medical staff) were distributed in the presence of District Commissioner and Madikeri MLA Mr Ranjan Appachu on 08 Apr 2020.

Police Officials: N95 Masks – For use of Police Personnel deployed on COVID Duty, Food Kits for distribution to Home Guards personnel families deployed on COVID Duty and Food Kits were also handed over to Police Station Madikeri Rural for further distribution to needy.

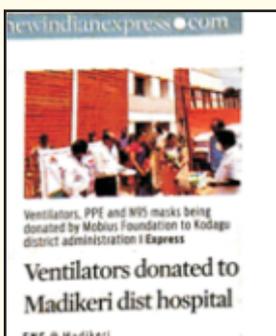
District Education Department: Reusable Face Masks – For use of Xth standard students of Kodagu District.

B. Immediate Relief for Daily wage earners and orphanage in Kodagu District

Daily wage earners: There was requirement of dry ration for meeting immediate food needs of labour who were left jobless due to the lockdown. Based on the requirement Dal and cooking oil was distribution to daily wage workers.

Food kits of dry ration were also prepared and handed over to the Kodagu Patrika Vedi on 11 April 2020

Orphanage: Girls Orphanage – mattresses and for Boys orphanage cookhouse Beaten Rice (Avval) Sooji and Jaggery



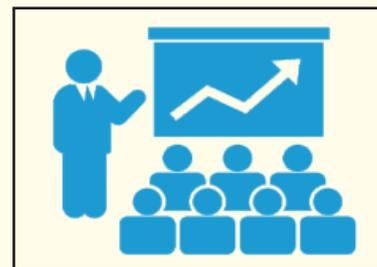
PROJECTS AND ACTIVITIES

Gyan Anant Vidyalaya (GAV): Educating for a Sustainable Place: Online Training Program for Teachers

The teacher training programme was held during April 15 – 24th 2020, for 18 teachers of the GAV school to learn the basic concepts of Environment and sustainability by The Climate Reality Project. Participants were guided through different modules of the **Climate Change, 17-Sustainable Development Goals (SDG), Air, Water, Waste, Energy and Biodiversity**. The training enabled them to bring about green changes on the school campus, monitor them and involve students in Green activities.

The Outcomes of the training program were:

1. To emotionally connect with Educators about **the importance of a healthy living planet & ecological balance for ensuring environmental sustainability**.
2. To communicate the effects of **Climate Change on the planet. Science, Impacts and solutions**.
3. To understand **Sustainable Development Goals**.



Teachers were exposed to the online sessions for 6 days using power points, discussions, assignments and examples.

Take Away for Teachers- Teachers Training Kit which contains the study materials, Comics, Workbooks, Presentations, Videos, handbooks, posters, lesson plans, quizzes, Teachers Guide on Climate & SDGs. A link was provided to teachers to download it. An assessment was carried out after every session to check if the learning has been assimilated by the participants.

Sanjeevani Phase 3

At the onset of monsoon, team SATHI and ARF has initiated the plantation work under phase III of Sanjeevani Project. It was inaugurated on 5th June to mark World Environment Day "**Celebrating Biodiversity**". Phase three targets plantation of 5000 trees including fruit bearing trees like Guava, pomegranate, Jamun, etc. besides medicinal plants particularly Giloy, Moringa, Amla etc.

Systematic plantation drive has begun from playground in Mundlana village of Sonipat. In 2 days the plantation was done for more than 463 saplings with community participation. Some of the places where plantation was done are Mudlana stadium, animal hospital, goushala, Chidana CSC center, stadium, water tank house, Sainipura- Temple, water tank house, sarpanch house, Kalana Khas- govt. primary school, and some farmers field.



For next two months the plantation drive will continue in which **5000 saplings will be planted and SATHI team** will also educate community about use of medicinal plants.

Pass on Plastic – Recycling is the Cure



Mobius Foundation continued its good work of plastic collection in residential society of Mayur Vihar Phase 1 Pocket 5 during this pandemic situation. Eco Wise is one of the leading waste management company in Delhi NCR that collected.

Plastic on 21st June 2020 taking all the precautions during COVID 19. Residents of Mayur Vihar extended their support during the pandemic and continued segregating the plastic waste.



April 2020

22nd April 2020 – Earth Day

April 22 is Earth Day, an international event celebrated around the world to pledge support for environmental protection. The year 2020 marks the 50th anniversary of the annual celebrations. This year's theme for Earth Day is 'climate action'. Every year on April 22, Earth Day marks the anniversary of the birth of the modern environmental movement in 1970.



Prime Minister Narendra Modi said, *“On International Day of Mother Earth, we all express gratitude to our planet for the abundance of care & compassion. Let us pledge to work towards a cleaner, healthier & more prosperous planet. A shout out to all those working at the forefront to defeat COVID-19”*. #EarthDay2020.”

Dr Ram Boojh joined as Panelist in an international webinar organized to commemorate the 50th year celebration of the Earth Day. He spoke on the topic of sustainability education and the COVID 19.

May 2020

Webinar on Climate Action

Dr Ram Boojh was the keynote speaker in a webinar on Climate Action organized by Amity University on 7th May 2020. He spoke on the topic **“Climate Action for Sustainability during COVID-19”**. The webinar was attended by the faculty and students of the university. It was organized to mark the Day of Belongingness.

AMITY UNIVERSITY
LUCKNOW CAMPUS

AMITY INSTITUTE OF BIOTECHNOLOGY
Invites you to join
Date: 7th May, 2020
Time: 12.00 PM -1.00 PM

WEBINAR ON
CLIMATE ACTION FOR SUSTAINABILITY DURING COVID-19

By: Dr. Ram Boojh
CEO Mobius Foundation, New Delhi
Former Science Program Chair, UNESCO South Asia office
Former Secretary of the Inter-governmental SACAE
South & Central Asia Non and Sustainable Forum Director, Centre for Environmental Education (New Delhi)

REGISTER AT: amity.edu/lucknow/upcoming-events

ONLINE PANEL DISCUSSION: Barriers and catalysts for girls participation in STEM related fields (#STEM4HER) 11 May 2020

Dr Ram Boojh delivered the keynote address in the online panel discussion on **“Barriers and catalysts for girls participation in STEM related fields”** organized by UNESCO New Delhi on 11 May 2020. He spoke on the gender perspectives of STEM education focusing on the ecological framework of potential barriers/factors influencing girls' and women's participation, progression and achievement in STEM education and the way forward.

New Delhi: CEU
Centre for Environmental Education
Mobius, AMU, Noida
Environmental Education

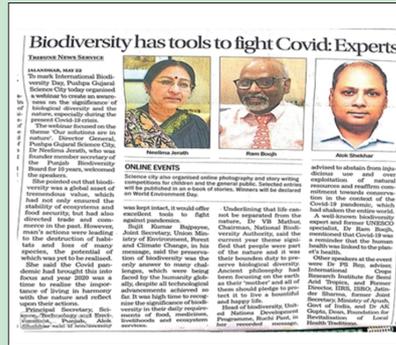
ONLINE PANEL DISCUSSION
Barriers and catalysts for girls participation in STEM related fields
Monday, 11 May 2020 | 15:00-16:15 (IST)

KEY NOTE SPEAKER
Dr Ram Boojh



22nd May 2020, International Day for Biological Diversity

The International Day for Biological Diversity (IDB) was organized on 22 May 2020 on the theme, **“Our solutions are in nature”**, emphasizes on the importance of working together at all levels to build a future of life in harmony with nature. Dr. Ram Boojh joined the celebration organized by the Pushpa Gujral Science City, Kapoorthala, Punjab. He spoke on the topic **“Biodiversity and nature based solutions in the COVID era”**.



June 2020

5th June 2020 – World Environment Day

World Environment Day 2020 celebrated on June 5th, 2020 on the theme **“Biodiversity.”** It is popularly being called **“People's Day”** to show their care and support for the Earth and their environment. Knowing the ways to protect the environment is really important. Mobius Foundation, on the eve of the WED, began the celebrations with a Two day International webinar- the ICSE Forum and Principals Conclave on the topic on Sustainability Education in COVID era scheduled on 4th and 5th June 2020.



Dr Ram Boojh spoke in a Webinar organized by the Central University (Guru Ghasidas Vishwavidyalaya) of Chhattisgarh, on biodiversity and ecosystem services in the context of COVID 19. He also delivered the Keynote Address on the theme of the World Environment Day in a webinar organized jointly by the Society for Science of Climate Change and Sustainable Environment, New Delhi and Doon University, Dehradun.

He addressed the NABARD officers at the National Bank Staff College (NBSC) at Lucknow. The talk was relayed to other units of NABARD, located in states through video conferencing facility.

He joined the world environment day **"Digital event and National Quiz Competition 2020"** organized by Vigyan Prasar Network, Department of Science and Technology, Govt. of India; Raman Science and Technology Foundation, Gujarat; and Aryabhata Science Club, Ranka, Jharkhand. The event was held as part of the birth centenary of the father of Indian Space Research, Vikram Sarabhai with the theme **“ISRO'S Mission Aditya L1”** to popularize MISSION ADITYA.

8th June 2020-World Oceans Day



The theme for World Oceans Day 2020 was **"Innovation for a Sustainable Ocean".**

Source: LinkedIn- Maria Parenteau, Birds Rock Arts Gallery

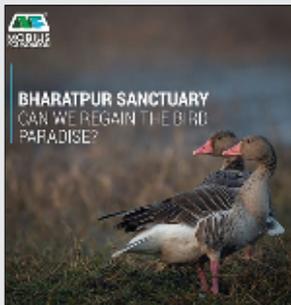
17th June 2020 - World Day to Combat Desertification and Drought



Digital Awareness and Media

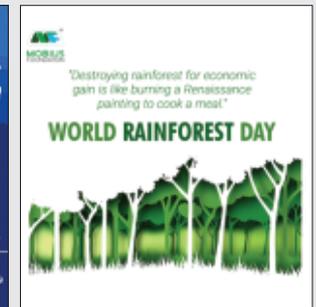
Mobius Foundation aims at spreading and communicating awareness at ground level and also at social level.

Awareness on COVID -19. Awareness created and information disseminated via social media channels on COVID -19. We talked about precautions, lifestyle change, new normal, current news updates, community behaviour etc. through the mode of graphics, videos and Gifs



Biodiversity Day:
Campaign was run on the occasion of Bio-Diversity Day, and audience was made aware on the rapid depiction of species and how we can contribute in restoring and supporting bio-diversity.

Environment Specific days talked about during the quarter as per the calendar



Projects:
Spoke about our projects and updates and COVID Relief Work done by Mobius Foundation

MARK YOUR CALENDAR 2020

July 1-7 Van Mahotsav Saptah	July 11 World Population Day	July 26 The International Day for the Conservation of the Mangrove Ecosystem	July 29 International Tiger Day
Aug. 12 International Youth Day 2020	Sept. 16 World Ozone Day	Sept. 18 World Water Monitoring Day	Sept. 26 World Environmental Health Day

Mobius Foundation

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