

ICSE 2021 - SPECIAL EDITION

3rd International Conference on Sustainability Education (ICSE)
September 9 and 10, 2021

in partnership with



SHOWCASING THE POWER OF SUSTAINABILITY EDUCATION

Sustainability Education is a powerful approach to bring the much-needed transformation towards a sustainable world. With this perspective in mind, the International Conference on Sustainability Education (ICSE) was organized on 9th and 10th September 2021 with the focussed theme "Education for Ecosystem Restoration" on Day 1 and the deliberations of the 2nd day were devoted to the theme of "Climate Literacy".

The conference was attended by over 1500 participants apart from 55,000+ online viewers internationally from 20 countries including Bangladesh, Belgium, Brazil, Canada, China, Denmark, Finland, France, India, Laos, Malaysia, Nepal, Oman, Pakistan, Philippines, South Africa, Sri Lanka, United Kingdom, and USA.

ICSE 2021 – Smart Conference

3rd ICSE used state of the art technology to enable the participants to have feel and experience of the real event with 4 plenaries, 11 parallel sessions, exhibition halls, Networking lounge, 'I am at ICSE' captioned selfie booth, e-resource centre, Polling graphical analysis, virtual Declaration Wall etc.



Lobby: Participants had an experience of real conference through virtual mode.



E-Poster Hall: Participants contributed through posters in ICSE 2021



ICSE 2021 was formally opened by **Mr. Pradip Burman, Chairperson, Mobius Foundation** by virtual lamp lighting. He said in his inaugural speech

"It is more necessary than ever before to hold such efforts as we are no way closer to the goals which were initiated in Paris to be achieved by 2030, we are even no way closer in 2021 as well".

The **Chief Guest at the conference Mr. Atul Bagai, Country Head, UNEP - India** emphasized **"Mobilization of community at large is the most important element in this fight which we are taking forward in restoring our nature"**.



Mr. Terry Spahr, Founder and Director of Earth Overshoot shared a video titled 8 billion Angels to firm the message of the critical state of the environment and further expressed that **"Population explosion is as serious as climate change"**.

Mr. Kartikeya Sarabhai, Founder and Director, CEE delivered his key note address stating **"ICSE 2021 is a learning experience with this new technology and hopefully it will not replace face to face interactions"**.





SESSION 1: School Education

The session had discussion on key points for keeping ESD 2030 and National Education Policy framework and how UN Decade for Ecosystem Restoration can be integrated.

“When we speak about climate change, we have to teach about the science behind it and also the social, economic, cultural aspects and challenges of the same. In order to make EE or ESD more meaningful, all subject teachers need to adopt this interdisciplinary approach.”

Dr. Chong Shimray, Assistant Professor, Department of Education in Science and Mathematics, National Council of Educational Research and Training (NCERT), Delhi



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Participants
222



SESSION 2: IT Based Solutions for Education

Session discussed the role and scope of technologies for Sustainability.

“There is need for IT network and tools to share the knowledge in an interactive way.”

Dr. Pramod Kumar Sharma
Senior Director of Education
Foundation for Environmental Education (FEE)



Participants
109



SESSION 3: Role of Youth

Advocacy is very important for youth to engage in and a way to influence decision makers. Youth need to be a part of movements and consciously build their voice.

“It is time to act but it is also time to do restoration in right way. We do lot of restoration but need to be long term and sustainable.”

Ms. Madhavi Joshi, CEE

Participants
141



SESSION 4: Climate Literacy leads to Green Jobs

The move to green jobs mandates that the new generation of learners are climate literate, upskilled, and innovative to build a resilient and green economy.

“Demand for change comes from the educated citizen.”

Mr. Nick Nuttall
International Strategic Communications Director, Earthday.org



Participants
94



SESSION 5: Education for Promoting Sustainable Tourism in Coastal Areas

Session had discussion on current practices in sustainable coastal tourism management and approaches associated with educational and capacity building efforts.

“The Blue Flag programme is characterized by its whole-institutional approach, aiming at raising awareness on sustainable coastal management and on strategies to reduce the environmental footprint worldwide.”

Mr. Johann Durand, Blue Flag International Acting Director, FEE



Participants
60



SESSION 6: Climate Change, Education and Literacy

Climate literacy can promote climate science, innovation, rooted solutions, and disaster adaptation to mobilize communities for climate action.

“Innovation, technology, and behavioural change are the key factors for climate education.”

**Mr. Aditya Pundir, Director – India and South Asia
The Climate Reality India**



Participants
391



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SESSION 7: Education for Advancing Circular Economy

The system of the circular economy must be understood as a simple process that can enhance our creative potential, increase material use/flow and develop a structured approach to ensure environmental compensation.

“What is really exciting to us in circular economy, we all need to pause and think. This will help us in education for advancing the Circular Economy.”

Mr. Prabhjot Sodhi, Senior Programme Director, CEE



Participants
119



SESSION 8: MISSION SUSTAINABILITY- Education and awareness for population stabilization

Education and communication must be utilized to create awareness about population growth.

“The population growth in India currently at stabilizing mode and whatever efforts we make, the population will grow up to five and six billion and after that, it will stabilize. So, you really need to plan for how to live with 6 billion population.”

Dr. K. S. James, Director and Sr. Professor, International Institute for Population Sciences, Mumbai



Participants
75



SESSION 9: Ecosystem Services, Biodiversity, and Forest Ecosystem

To conserve the blue carbon ecosystem, it is necessary to support scientific research, monitor coastal mangroves/sea beds/salt marshes, and invest in nature-based solutions.

“Carbon Ecosystems should be conserved as a priority, and scientifically restored.”

**Mr. Benno Boer, Programme Specialist for Natural Sciences
UNESCO New Delhi**



United Nations Educational, Scientific and Cultural Organization



Participants
48



SESSION 10: Nature Connect and Informal Education

Nature connects through education, awareness, and nature-based solutions for conservation will create the space for inclusive individual actions and solutions in turn promoting stewardship.

“Nature is important for our psychological, mental wellbeing as well as our wellbeing of our health.”

Ms. Archana Chatterjee, Programme Manager, IUCN India



Participants
63



Participants
53



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SESSION 11: Ecosystem and Sustainability Education

The Session Highlighted the aims of the UN Decade on Ecosystem Restoration, importance of education, especially non-formal education including indigenous, traditional, local and scientific ways, in ecosystem maintenance and restoration, because education plays crucial role in strengthening the three pillars of sustainability i.e. Social, Environmental and Economic by fostering a sustainability conscious society.

“Women groups are more vulnerable to climate change impacts hence the group must be engaged in climate change dialogue and awareness.”

Ms. Nandita Mathur, UNDP

WORDS OF WISDOM FROM DISTINGUISHED DIGNITARIES



ICSE is an initiative to create a youth as advocates of sustainability, at the age when they can be moulded into one.

Mr. Pradip Burman
Chairperson, Mobius Foundation



Lavish life is an unfortunate part of human life, which is somewhere damaging the earth. Individual accountability needs to be focused.

Dr. Anil Prakash Joshi
Padma Bhushan Awardee, Founder of HESCO



It is necessary Empowering educators with equipped knowledge, skills, values and attitude to take responsible action for environmental integrity, economic viability and sustainable society.

Dr. Vibha Dhawan, DG, TERI



We must dedicate ICSE 2021 for the hope of the future

Dr. Ram Boojh
CEO Mobius Foundation



Education should be transformative and allow us to make informed decisions and take individual and collective action to change our societies.

Mr. Rajendra Singh
Ramon Magsaysay Awardee and Water Man of India



To live in harmony with nature it is necessary for everybody to start working together.

Ms. Donna Goodman
Founder and ED Earth Child Institute

WORDS OF APPRECIATION FROM DECLARATION WALL

- ▶ It was the great experience to have all the educational as well as environmental personalities on one platform.
- ▶ The two days conference on Sustainability Education was very interesting and informative. Promoting ESD is important in schools for the development of the knowledge, skills, understanding, values and actions required to create a sustainable world, which ensures environmental protection.
- ▶ Very effective talk on current issues and we learn more about the sustainable education and quality education. If you can provide the connection by which we can bifurcate the funds from one corner to another corner of the society, by using the channelization of funding sources.
- ▶ I really like the webinar conducted. This helps me as an educator in reskilling and rethinking design in the lesson that I need to teach my students and to positively integrate Sustainable Education. This surely benefits my students in school as well as the parents as our stakeholders in making sure that they contribute in making our planet a better safe place to live in the future.
- ▶ Wonderful Session on the theme of Climate Change and Education. Hope, we will have some more in coming days. Thanks to Organisers, Partners and Speakers. for Your Effort towards Restoration of our Earth.

For more details and relevant documents related to the Conference, please visit www.icse2019.org

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