

3rd International Conference on Sustainability Education

DAY 2

Theme: Climate Literacy

September 10, 2021 (Friday)

Session 9: - Ecosystem Services, Biodiversity and Forest Ecosystem

By



Time - 15:30 - 16:30 hrs IST (GMT + 5:30)

CONCEPT NOTE

Background

Nature plays a critical role in providing food and feed, energy, medicines and genetic resources and a variety of materials fundamental for people's physical well-being and for maintaining culture. Biological diversity underpins ecosystem functioning and the provision of ecosystem services essential for human well-being. Biodiversity is being lost throughout the world and this has negative consequences for the delivery of these ecosystem services and human wellbeing.

To halt or reverse this decline it is vital to transform people's roles, actions and relationships with biodiversity. This transformation has already begun with the commitment of the international community to the 17 Sustainable Development Goals (SDGs) of Agenda 2030. It recognizes that human behaviour, values and choices shape people's interactions with biodiversity, all of which have a direct impact on our collective future on the planet.

UNESCO Commitment to Biodiversity

UNESCO works on the conservation of biodiversity and the sustainable use of its components through UNESCO designated sites, including biosphere reserves, World Heritage sites and UNESCO Global Geoparks. In 2018, UNESCO designated sites protected over 10 million km², an area equivalent to the size of China. These conservation instruments have adopted policies and strategies that aim to conserve these sites, while supporting the broader objectives of sustainable development.

Panel Discussion

UNESCO New Delhi is organizing panel discussion to discuss the positive and inspiring seeds of change around the world for conserving biodiversity and ecosystem services. The esteemed panel will share their efforts to halt biodiversity loss by understanding, appreciating, safeguarding and using biodiversity sustainably.

Speakers

Ms. Gayatri Raghwa, Environment Education Consultant - UNEP India

Email - gayatri.raghwa@gmail.com

Title of the talk - The necessity to develop the capacity of young people to become environmental management professionals’.

Felix Matschie, Green Academy Africa Team Leader, ElJoJoFe e.V., Germany

Email - felix.matschie@greenacademyafrica.com

Title of the talk - will speak about ‘How to convert schools in UNESCO Biosphere Reserves as demonstration sites for best practices concerning biodiversity conservation, climate change and preventing environmental pollution’.

Mr. Ron Loughland (TBC)

Email - ronloughland@gmail.com

Title of the talk - ‘How to involve the private sector in global ecosystem restoration/conservation. Example: Saudi ARAMCO’.

Moderator –

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

The programme will conclude with **2 Videos**

- Mangrove ecosystem conservation and climate change <https://we.tl/t-iKX1dsVy7m>
- Sundarban Biosphere Reserve implements Sustainable Development Goals (India) <https://www.youtube.com/watch?v=RwF-b475Lp0>