



Webinar on " Rethinking Plastic: Restoring Oceans and Reimagining a Sustainable Blue Future"

27th May 2025 10:30 hrs to 12:45 hrs

Plastic pollution in our oceans has reached critical levels, posing severe threats to marine biodiversity, human health, and the ecological integrity of both coastal and deep-sea ecosystems. With millions of tonnes of plastic entering marine environments each year, the urgency to act has never been greater. This escalating crisis not only endangers marine species but also disrupts food chains, impacts coastal economies, and introduces microplastics into the very resources we rely on for our seafood, salt, and drinking water.

This webinar, organised by TERI EIACP (Environmental Information, Awareness, Capacity Building and Livelihood Programme), brings together a diverse panel of experts, including College students, environmental scientists, innovators, policy advocates, and community leaders, to explore holistic and actionable solutions to marine plastic pollution. Together, we will unpack the science behind plastic waste pathways and long-term ecological impacts, highlight cutting-edge technologies such as biodegradable alternatives and AI-driven ocean clean-up tools, and examine the potential of circular economy models in reducing plastic dependency. Crucially, the session will also focus on the power of grassroots action, youth engagement, and behavioural change in building a culture of sustainability

Join us for this timely and thought-provoking conversation as we rethink our relationship with plastic, revive fragile marine ecosystems, and collectively reimagine a cleaner, more resilient blue future.

Discussion topics:

1. Exploring the sources, pathways, and long-term ecological consequences of plastic waste in oceans.
2. Discussion on the hidden risks of microplastics in seafood, salt, and drinking water.
3. Technological Innovations in Tackling Plastic Waste
4. Rethinking product design to eliminate waste and promote plastic reuse and recycling through economic incentives.
5. Highlighting case studies related to the power of grassroots initiatives and behavioural change in reducing plastic consumption.

Agenda

Time	Area/Topic of Discussion	Resource Person
10:30 -10:40 hrs	Welcome Address and overview of the program	Ms. Pallavi Shukla, Associate Fellow TERI & Senior Programme Officer, TERI EIACP
10:40-11:10 hrs	Marine Plastic Pathways and Microplastic Risks to Human Health	Mr. Sourabh Manuja Co-founder, Global Green Envirosystems
11:10-11:40 hrs.	Innovations and Circular Economy Solutions to Plastic Pollution	Dr Vidya Batra Senior Fellow Circular Economy & Waste Management Division, TERI
11:40-12:10 hrs	Grassroots Action and Behavioral Change for a Plastic-Free Future	Dr P K Bhattacharya Associate Director, Senior Fellow TERI & Coordinator TERI EIACP
12:10-12:25 hrs	Tackling Marine Plastic Litter: Case Studies from Mumbai	Mr Manish Bhaskar Asodekar Research Associate, Land Resources Division TERI
12:25-12:35 hrs	Interactive session	Ms. Pratiksha, Information Officer, TERI EIACP
12:35-12:45 hrs	vote of thanks	Ms. Pallavi Shukla, Associate Fellow TERI & Senior Programme Officer, TERI EIACP