

Dr. Sharda Kosankar, Scientist E, CSIR-NEERI delivered an invited talk as a Distinguished Speaker at the National Webinar on “Aquatic Pollution & Fisheries Sustainability: Emerging Challenges & Future Perspectives”, organized by Department of Zoology, Dolphin (PG) Institute Of Biomedical & Natural Sciences, Dehradun.

The session focused on the growing threats of aquatic pollution, its impact on freshwater ecosystems and fisheries sustainability, and the importance of scientific interventions, ecological conservation, and sustainable management practices for protecting aquatic resources.

DOLPHIN (PG) INSTITUTE
Of Biomedical & Natural Sciences

Accredited with
NAAC
GRADE
A+

An Autonomous College

DISTINGUISHED SPEAKER

National Webinar
on
"Aquatic Pollution & Fisheries Sustainability:
Emerging Challenges & Future Perspectives"

Organized by
Department of Zoology

"In association with"
Research Advisory Council (RAC)

DR. SHARDA KOSANKAR
Principal Scientist &
Associate Professor (AcSIR)
CSIR–National Environmental
Engineering Research Institute
(NEERI), Nagpur, India

Date
08 May, 2026

Time
2:30 PM onwards

E-Certificates will be given to the participants

14:46

86

Sharda +40



Climate Change and Aquatic Pollution

- Rising temperatures alter aquatic ecosystems.
- Ocean acidification affects marine biodiversity.
- Extreme weather increases pollutant runoff.
- Climate change intensifies fisheries vulnerability.

Impacts of Climate Change on Marine Ecosystems and the Fate, Transport, and Toxicity of Contaminants

CO₂ → Environmental stress ↑ Sensitivity to pollutants → Atmospheric warming → Ocean acidification → Increased temperature and acidity → Altered fate, transport & toxicity → Bioaccumulation → Altered fate, transport & toxicity → Monitoring challenges: Need for updated protocols & policies. Legacy & emerging contaminants.

Sharda is presenting, annotating



37 others



Ritu Yadav joined

