

On the occasion of **National Space Day 2025**

## **CSIR-NEERI highlights the transformative role of space technology in advancing sustainable development**

By integrating satellite-based remote sensing with ground-based science, CSIR-NEERI addresses critical challenges in air and water quality management, land-use planning, climate change research, and disaster risk reduction.



Applications include monitoring urban air pollution and heat islands, assessing river and lake water quality, mapping land-use changes, and identifying sustainable sites. These efforts not only strengthen environmental stewardship but also provide scientific decision support for national priorities such as the National Clean Air Programme (NCAP), river rejuvenation, smart cities, and climate resilience.

Through such initiatives, CSIR-NEERI demonstrates how innovations in space technology can be harnessed to safeguard ecosystems, optimize resources, and improve quality of life in alignment with the Sustainable Development Goals (SDGs)

## **CSIR-NEERI wishes everyone a Happy National Space Day!**