

CSIR-NEERI organized a Brainstorming Session on “Development of India-Specific Emission Factors for Methane and Nitrous Oxide Emissions from the Indian Waste Sector for Biennial Transparency Reports and National Communications” on 22 September 2025. Officials from the Ministry of Environment, Forest and Climate Change (MoEF&CC), New Delhi, along with experts from CSIR-NEERI participated in the deliberations. The session focused on improving GHG emission estimates from the waste sector through better methodologies, granular databases, and strengthened institutional arrangements. The program began with a welcome by Dr. S. Venkata Mohan, Director, CSIR-NEERI, followed by remarks from Dr. Sharath Kumar Pallerla, Scientist G, NATCOM Cell & IPCC, MoEF&CC, who stressed the need for India-specific emission factors. Dr. Debishree Khan, Sr. Scientist and Er. M. Karthik, Sr. Principal Scientist presented the roadmap and approach for the upcoming Biennial Transparency Reports (BTRs) and the Fourth National Communication, while Dr. Sanjeev Kumar Singh, Sr. Principal Scientist highlighted GHG monitoring and measurement protocols. Dr. Ajay Raghava, Scientist E, MoEF&CC, emphasized aligning national inventories with UNFCCC requirements. The session concluded with remarks by Dr. M. P. Patil, CSIR-NEERI, underscoring the need for collaboration, long-term databases, and sustained efforts. The officials also visited the Fly Ash Dump Site Rejuvenation Project at Koradi, led by Dr. Lal Singh, Principal Scientist which demonstrated sustainable restoration practices.

