

Training Program on

“Monitoring and Assessment of Persistent Organic Pollutants in the Environment”



Date: 01st-05th September 2025

Call for Nominations

Organized by

**Stockholm Convention
Regional Centre
(SCRC) on POPs for
Asia Region**

**Sophisticated
Environmental
Analytical Facility
(SEAF)**



**CSIR-National Environmental
Engineering Research Institute,
Nehru Marg, Nagpur, 440020, India**



Theme:

Monitoring and Assessment of Persistent Organic Pollutants in the Environment



Sub-Themes:



Flame Retardants



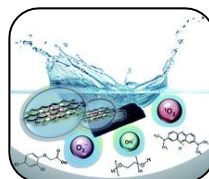
Pesticides



**PCBs, PCNs &
PAHs**



PFAS



Emerging POPs



Dioxins & Furans



Target Group:

**Central/State Pollution Control Board
Officers/Scientists/Technical Assts/Researchers/
working/likely to work in the field of POPs.**

Course fee: Nil; however, travel expenses are to be borne by the participants/nominating organizations.

Accommodation: Boarding and lodging will be provided in CSIR-NEERI guest house on twin sharing basis.

Last date for sending nominations (i.e. Name, Designation, email and mobile number) by email (ar_kumar@neeri.res.in) :30 July 2025

(*Confirmation of nominations will be sent by 05th August, 2025 by E-mail)



Selection Criteria:

This is a specialised training program aimed at building country capacity in the field of POPs monitoring and management. Hence, participants should have a certain level of knowledge in environmental chemistry of POPs, and instrumental analytical techniques such as GC and GC-MS. Candidates with MSc/MTech/PhD in Chemistry/ Environmental Science/Engineering are preferred.

The number of participants is limited to 25, and all nominations should be sent by the respective head of the Office/Institution/Department. For candidates from Academia, a letter from HOD indicating the nominee's academic qualifications and publications in the relevant field of POPs is required. Preference will be given to participants from CPCB/SPCBs. The trained candidates are expected to work in the field of POPs monitoring and contribute towards achieving India's obligations towards the Basel, Rotterdam and Stockholm (BRS) conventions.

Course Contents

- This training course will include theory and practical sessions.
- Theory session includes lectures on environmental monitoring of POPs, emerging contaminants, analytical instruments for POPs monitoring.
- Practical sessions will include sampling protocols, sample storage, sample preparation, extraction, clean-up, instrumental analysis, and quality assurance and quality control (QA/QC) etc.
- Analytical method development, validation and sample analysis using GC-ECD, GC-MS, GC-MS/MS and GC-HR-MS.

Training Sessions



Sample Extraction



Sample Clean-up



Instrumental Analysis



About CSIR-NEERI

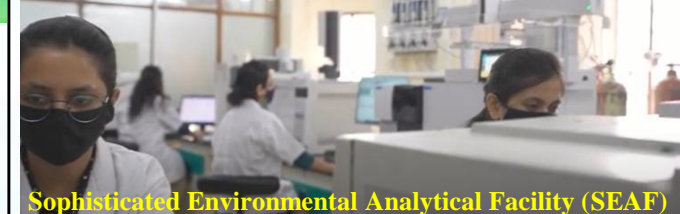
CSIR-NEERI, Nagpur is devoted to research and innovations in environmental science and engineering besides solving a range of environmental problems posed by industry, government and local bodies. CSIR-NEERI provides knowledge-based services for environmental management in India for monitoring and analysis of a wide range of contaminants, including pesticides, dioxins, furans, PCBs etc. from various environmental matrices in the form of sponsored and consultancy projects supported by both governmental and private agencies in India.

About Stockholm Convention Regional Centre (SCRC)-India

CSIR-NEERI is endorsed as **Stockholm Convention Regional Centre (SCRC) on Persistent Organic Pollutants (POPs) for Asia Region in 2011 by the Secretariat of BRS Conventions, Geneva**. The goal of the SCRC is to provide technical assistance for building capacities of the parties in the Asia region in relation to monitoring and assessment of POPs in the environment, transfer of technologies, raising awareness, and promoting identification and environmentally sound management (ESM) of POPs and POPs contaminated sites in the region. The Centre is also assisting the parties of the Asia region in fulfilling their obligations of the Stockholm Convention.

About SEAF

Sophisticated Environmental Analytical Facility (SEAF) is the institutional instrument facility division having the mandate of operation, maintenance & management of analytical instruments. The Facility is equipped with advanced instruments such as GC-HRMS, GC-MS/MS, GC-ECD, TCD & FID, HPLC, ion chromatography, ICP-MS, AAS, fluorescence spectrometer, mercury analyzer, FT-IR, and other analytical instruments. The facility also provides analytical services, technical support, and training for the industrial and academic personnel.



Course Coordinators

Dr. A. Ramesh Kumar

Principal Scientist & Convenor,
Chemical and Hazardous Waste Management Division,
CSIR-NEERI,
Nehru Marg, Nagpur-440020, India.
☎ +91 712 2249885-88, 2249970-72
Extn: 423, Fax: +91 712 2249900; Mob: 9427326180
✉ ar_kumar@neeri.res.in

Dr. Sanjeev Kumar Singh

Sr. Principal Scientist & Head,
Sophisticated Environmental Analytical Facility,
CSIR-NEERI,
Nehru Marg, Nagpur-440020, India.
☎ +91 712 2249885-88, 2249970-72
Extn: 323, Fax: +91 712 2249900
✉ skr_singh@neeri.res.in

For more information, visit www.neeri.res.in