

Training Program on

Monitoring of Persistent Organic Pollutants in the Environment

September 05-09, 2022



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 of POPs in the Environment



Sub-Themes



Brominated Flame
Retardants



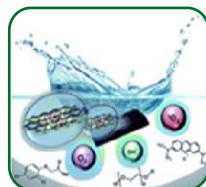
Chlorinated
Pesticides



PCBs, PCNs
and PAHs



PFAS



Emerging POPs



Dioxins and Furans

Eligibility

Scientists / Researchers / Academics /
Research Scholars 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 Nomination:

10 August 2022

(*Confirmation of nominations will be sent
by 15th August, 2022 by E-mail)

Selection Criteria

This is a specialized training program aimed to build country capacity in the field POPs monitoring and management. Hence, participants should have 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 20. All nominations should be accompanied by a "Statement of Purpose" and "Recommendation letter" (attach separate sheet if required) from the respective Head of the Institution/Department, indicating the candidate's academic and professional qualifications, experience, list of projects, and publications in the field of POPs. Also, a statement on how the training will be helpful to build country capacity and contribute towards achieving India's obligations towards Basel, Rotterdam, and Stockholm conventions.



Course Contents

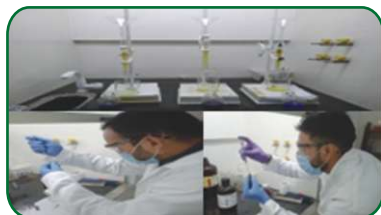
- ✦ This training course will include theory and practical sessions.
 - ✦ Theory session includes lectures on environmental monitoring of POPs, emerging contaminants, analytical instruments for POPs monitoring.
 - ✦ Practical sessions will include standard sampling protocol, sample storage, sample preparation, extraction, clean-up, instrumental analysis, and 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 pesticides, dioxins, furans, PCBs and persistent pollutants 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-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-OES and 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

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



Training Program on

“ Monitoring of Persistent Organic Pollutants in the Environment ”

05th- 09th September 2022

NOMINATION FORM

Organization / Institute / Laboratory : _____

Nominated by : _____

Nominee : (Dr./Mr./Mrs.) : _____

1. Personal Details* (Nominee)

Name :	
Designation :	
Organization / Employer with full address:	

2. Contact Details*

Phone Number :	Email Address :
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3. Educational Details*

Particulars	Institute / University	Year of Passing	Specialization
Graduate Degree			
Post-Graduate Degree			
Doctoral Degree			
Others (Specify)			

4. Number of SCI Publications* : _____

(Publications relevant to POPs; Kindly attach a sperate file)*

5. Professional Experience*

Name of Employer	Designation	Period	Nature of Duties

(Please attach your CV)*

6. How are your current professional responsibilities related to the course topic*

*Statement of purpose (SOP) highlightening your professional background related to the Environmental monitoring of POPs to be enclosed (Word limit 250)

(Please attach SOP)*

6. Declaration*

I hereby nominate _____ who is the best suitable personal for this course from the Institute/University/Organization. He / She has adequate experience in the Environmental monitoring of POPs and this course will enhance the skill and expertise of the nominee.

**Signature of the
Head of Institute /
Department and date**

**Sign. of Nominee
with date**

(*Mandatory to fill)

(Nomination form must be duly attested by the Head of institute/department. Completed nomination form with supporting documents (CV, SOP and list of publications) should be sent by email to ar_kumar@neeri.res.in on or before August 10th 2022.

For more details please contact : ar_kumar@neeri.res.in