

Training Programme on
Environmental Impact Assessment (EIA)

29 October to 02 November 2018



Organized by



CSIR- National Environmental Engineering Research Institute (NEERI)

Nehru Marg, Nagpur 440020, India

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INTRODUCTION

Environmental Impact Assessment (EIA) helps in identifying and evaluating the potential impacts (beneficial and adverse) of developmental projects. It is a useful tool for decision making based on the environmental implications in terms of air, water and soil pollution, ecosystem health, human health including social, cultural and aesthetic concerns to be integrated with the cost-benefit analysis. This kind of exercises would help in the planning stage of projects for selection of environmentally compatible sites, process technologies and such other environmental safeguards.

CSIR–National Environmental Engineering Research Institute (NEERI), a unique multi-disciplinary institute is dedicated to carry out research and innovations in environmental science and engineering alongside solving a range of problems posed by industry, government and public. It is a constituent of Council of Scientific & Industrial Research (CSIR), New Delhi and has a nation-wide presence with its five zonal laboratories at Chennai, Delhi, Hyderabad, Kolkata and Mumbai. CSIR-NEERI is conducting professional development courses/training program on Environmental Assessment & Management which is useful for industries, academicians, regulatory authorities etc.

To cater to the needs of professionals in the field of environment to address various Environmental issues for sustainable environmental development of the country, CSIR-National Environmental Engineering Research Institute (NEERI) proposes to provide Professional development training on environmental impact assessment as part of the Capacity Building Programme.

OBJECTIVES OF THE TRAINING PROGRAMME

The proposed training programme on Environmental Impact Assessment is broadly intended to provide perspective, insights and knowledge required for effective and efficient management of environment. The specific aim of the training programme is to enhance the capacities of the stakeholders, viz. EIA Professionals, Regulators, Managers, Scientists, etc. The main objectives are:

1. Exposure to all aspects of EIA (theory

and Practical both) for a better understanding regarding:

- ✓ Data Required, Collection, Interpretation and Significance of Data
 - ✓ Assessment Methods
 - ✓ Issues regarding Terms of Reference (ToR)
 - ✓ Evaluation of the Environmental Impact
2. Better understanding of the EIA process-screening, scoping, data collection to impact assessment, role of public consultation etc.
 3. Specific reference to the environmental and social impacts of the industrial and developmental projects
 4. Reviewing EIA reports and identifying its strengths and weaknesses
 5. How to enhance ability regarding playing active role in post-EIA monitoring
 6. To engage the participants into creative Exercises to think of new possibilities for EIA/EMP using appropriate S&T Tools
 7. Application of Scientific tools in Environmental Impact Assessment Projects to address the sensitive environmental issues
 8. How to delineate pragmatic Environmental Management Plans based on Climate Sustainability and Sensitivity Analysis
 9. Group discussions for identification of the gap and scope for improvement in various sector EIA/EMP reports

PROGRAMME/COURSE CONTENT

1. Environmental Impact Assessment: An Introduction
2. Environmental Clearance procedure and NABET Scheme
3. Ambient Air Quality Monitoring, Analysis and Reporting
4. Air Pollution Modelling, Meteorology, Dispersion of Stack and Fugitive Emissions
5. Air Pollution Mitigation and Control Systems
6. Water Quality – Monitoring, Analysis and Reporting, Hydrogeology, Groundwater Pollution and Fate and Distribution of Pollutants in Groundwater
7. Water Harvesting
8. Noise and Vibration – Monitoring,





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- Modelling and Management Plans
9. Soil Quality – Physical and Chemical Properties, Fertility Status and Microbiological Quality and Soil Erosion and Soil Conservation Plans
 10. Application of Remote Sensing and GIS in EIA studies
 11. Solid & Hazardous Wastes – Characterization, Classification, TCLP, Transport and Management – Guidelines and Regulations of SHW
 12. Bio-diversity studies for Terrestrial and Aquatic Ecosystems – Forest and Wildlife Clearance - Eco-sensitive zones
 13. Socio-Economic Aspects
 14. Risk Assessment and Hazard Management
 15. Environmental Management Plans for Developmental Sectors
 16. Climate Change and Sustainability

PEDAGOGY

- Lectures by faculty and experts drawn from NEERI, Scientific & Research Institutions, Universities, Other Government, for Different Industries/Industry as well as private agencies.
- Interaction with professionals with experience of EIA/EMP
- Theme-based group discussions and exercises
- Experience-sharing, participative and interactive learning
- Case study illustrations, analyses and presentations, field/laboratory visits

PARTICIPANT PROFILE

- Graduates/Post-Graduates in Science, Engineering and Management etc.
- Officials working in Industries, Institutions, Ministries, PCBs, Academia, etc.

VENUE

The Programme is fully residential and the participants will be accommodated in air-conditioned single / sharing rooms depending on the availability. Breakfast, Lunch and Dinner will be provided. Transportation facilities will be provided for pick-up/drop on request.

DURATION

The programme duration is from **October 29, 2018 to November 02, 2018**. The participants are expected to arrive a day before the commencement and may leave after the conclusion of the programme. **The registration form and payment should be reached on or before 05 October, 2018.**

PROGRAM FEE

- **Rs. 25,000/-** including GST 18% (Twenty five thousand rupees only), per participant will be charged to cover tuition fee, boarding and lodging, course material, stationary, etc.
- The fee should be paid in advance through NEFT/RTGS. Seats are limited and will be allocated on first cum first get basis.

For Indian Participants:

Bank Name	State Bank of India
Address line 1	Nehru Marg
Address line 2	NEERI
Address line 3	Nagpur – 440 020
Beneficiary A/c Name	Director, NEERI
Bank Account Number	30266513766
IFSC Code	SBIN0004224

Note: Details of Bank / Wire transfer may be sent to ccssd@neeri.res.in for confirmation.



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Registration Form

Training Programme on

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Participant's Contact Information:

Name (Mr/Ms) :	_____	Date of Birth :	_____
Designation :	_____	Qualification :	_____
Organisation :	_____		
Address :	_____		
Phone(s) :	(Off) : _____	(Mobile) : _____	Home : _____
e-mail :	_____	Fax :	_____

Sponsor's Details (if any):

Name of the Sponsoring Authority _____	Designation : _____	
Organisation :	_____	
GSTIN :	_____	
Address :	_____	
_____	Pin code : _____	
Phone(s) :	(Off) : _____	(Mobile) : _____
e-mail :	_____	Fax : _____

Fee Particulars:

Amount Payable :	_____	Mode of Payment (NEFT / RTGS) :	_____
Name of the Bank :	_____	Date of Instrument/Transfer :	_____
Instrument Number :	_____	UTR Number for NEFT :	_____

Signature of the Participant

NOTE: Forward registration form to: ccssd@neeri.res.in



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