



**A 3-day Residential Training Program
on
Navigating Environmental Impact Assessment and Clearance Processes**

Date: 25th– 27th September 2024

TENTATIVE SCHEDULE

Name of Program			
Navigating Environmental Impact Assessment and Clearance Processes (Batch IV)			
Date	25 th September 2024 – 27 th September 2024 (3 days)	No. of Participants	35-40
Program Mode	Residential Training Programme		
Address	Gujarat Institute of Disaster Management (GIDM), B/h PDEU, Raysan, Gandhinagar		
Time	Topic	Objectives of the Session	Partner Agency/ Resource person
DAY-01: 25 th September 2024			
10.00 – 10.30	Registration & Pre-Test	<ul style="list-style-type: none">Online registration of participantsPre-Test	GIDM
10.40 - 11.50	Introduction to EIA and Understanding its Regulatory Framework	<ul style="list-style-type: none">Understand the concept and importance of Environmental Impact Assessment (EIA);Historical evolution of Environmental regulations in India;Insights into the role of EIA in environmental protection and sustainable development;Explore the key provisions of the EIA Notification 1994;Understand the significant changes introduced by the EIA Notification 2006;Discuss the regulatory framework for EIA in India.	Mr. Brijesh Chauhan, GPCB
TEA BREAK: 11:50hrs – 12:00hrs			
12:00 - 13:15	Environment Clearance Process Mechanics and Requirements	<ul style="list-style-type: none">Comprehend the mechanisms and stages involved in obtaining Environmental Clearance (EC);Identify the requirements and documentation necessary for applying for prior environmental clearance;Discuss the evaluation process and factors considered in granting or rejecting EC.	Dr. M.H. Bhadrecha, SEAC - GPCB
LUNCH BREAK: 13:15hrs – 14:00hrs			



14:00 - 15:50	Development of Environmental Management Plans (EMPs)	<ul style="list-style-type: none">Learn the purpose and components of an Environment Management Plan (EMP);Understand how mitigation measures are integrated into the EMP;Recognize the importance of EMPs in minimizing environmental impacts.	Ms. Manali Bhatt, GPCB
TEA BREAK: 15:50hrs – 16:00hrs			
16:00 – 18:00	EIA for Chemical Industry Operations	<ul style="list-style-type: none">Discussion on key environmental considerations related to chemical industries.Types of waste generated by chemical manufacturing processes and the principles of waste minimization, recycling, and treatment.An overview of potential health hazards linked to chemical manufacturing operations.Environmental regulations and permitting requirements pertinent to the chemical industry.Real-world examples of successful EIAs for chemical industry projects.	TBD
DAY-02: 26 th September 2024			
10:00 – 11:40	EIA: Air-Quality Modelling	<ul style="list-style-type: none">Introduction to air quality modelling:<ul style="list-style-type: none">Dispersion models (e.g., Gaussian models).Chemical transport models.Numerical models.Identification of potential mitigation measures to reduce air pollutant emissions, improve air quality, and minimize adverse impactsHands-on training and software tools	Dr. Anuarg Kandya, PDEU
TEA BREAK: 11:40hrs – 11:50hrs			
11:50 – 13:00	GIS & Remote Sensing: A Vital Tool For EIA	<ul style="list-style-type: none">GIS and Remote Sensing in EIA;Preparing various maps such as environmental sensitivity map, study area map, sampling location map, land use/ land cover of the study area;ArcGIS and QGIS, ERDAS IMAGE and ENVI;	Shri Bhavya Vyas, TGIS



		<ul style="list-style-type: none"> Demos & practical aspects. 	
LUNCH BREAK: 13:00 – 14:00			
15:00 – 16:15	Parivesh Portal and QCI_NABET	<ul style="list-style-type: none"> QCI_NABET; Interactive and Virtuous; Environmental Single-window Hub; Scheme for accreditation of EIA consultant organizations 	Smt. Madhavi Pimparkar, GEMI
16:15 – 18:00	Study Tour at GEMI Labs	<ul style="list-style-type: none"> Tour of PDEU & GERMI's state-of-the-art laboratory facilities; Exploring the advanced instruments and technologies dedicated to analyzing environmental samples. 	GEMI Labs
DAY 03: 27th September 2024			
10:30 – 11:45	Lead Contamination: Public Health and Ecosystem Impacts	<ul style="list-style-type: none"> Primary sources of lead in urban environments, Health Impacts of Lead Exposure, Analysis of how lead contamination affects urban ecosystems, including soil degradation and water pollution. Assessment and Monitoring Techniques, Policies & Regulations 	Shri Narayan Gaonkar, UNICEF
TEA BREAK: 11:45hrs – 12:00hrs			
12:00 – 13:30	Socio-Economic Dimensions in EIA	<ul style="list-style-type: none"> Introduction to Socio-Economic Aspects in EIA. Socio-Economic Impact Assessment (SIA) and its inter-relation with EIA. Importance of involving local communities and stakeholders in the EIA process. Methods and tools for assessing socio-economic impacts. 	Dr. Aashish Xaxa, IIT-G
LUNCH BREAK: 13:30hrs – 14:30hrs			
14:30 – 16:00	Group Activity-02: Case Study Analysis	<ul style="list-style-type: none"> Learn about the stages of EIA and see how they are applied in real projects. Identification of environmental impacts and propose mitigation measures. Discussion the effectiveness of EIAs, highlighting areas for improvement in EIA practices. 	Ms. Pushpanjali Pradhan, RAPC - GIDM
TEA BREAK: 16:00hrs – 16:15hrs			



16:15 – 17:00	Post Test, Valedictory, Distribution of Certificates	<ul style="list-style-type: none">• Post-Test of Participants• Feedback• Handing over certificates	GIDM
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