



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

**Date: 19<sup>th</sup> February 2025 – 21<sup>st</sup> February 2025**

**TENTATIVE SCHEDULE**

Name of Programme	Navigating Environmental Impact Assessment and Clearance Processes (Batch IV)		
Date	19 <sup>th</sup> February – 21 <sup>st</sup> February 2025 (3 days)	No. of Participants	35-40
Programme 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
<b>DAY-01: 19<sup>th</sup> February 2025</b>			
10.00 – 10.30	Registration & Pre-Test	<ul style="list-style-type: none"><li>Online registration of participants</li><li>Pre-Test</li></ul>	GIDM
10.40 - 11.50	Introduction to EIA and Understanding its Regulatory Framework	<ul style="list-style-type: none"><li>Understand the concept and importance of Environmental Impact Assessment (EIA);</li><li>Historical evolution of Environmental regulations in India;</li><li>Insights into the role of EIA in environmental protection and sustainable development;</li><li>Explore the key provisions of the EIA Notification 1994;</li><li>Understand the significant changes introduced by the EIA Notification 2006;</li><li>Discuss the regulatory framework for EIA in India.</li></ul>	Shri. Gunjan Gupta, GEMI
<b>TEA BREAK: 11:50hrs – 12:00hrs</b>			
12:00 - 13:15	Environment Clearance Process Mechanics and Requirements	<ul style="list-style-type: none"><li>Comprehend the mechanisms and stages involved in obtaining Environmental Clearance (EC);</li><li>Identify the requirements and documentation necessary for applying for prior environmental clearance;</li><li>Discuss the evaluation process and factors considered in granting or rejecting EC.</li></ul>	Dr. M.H. Bhadrecha, SEAC - GPCB
<b>LUNCH BREAK: 13:15hrs – 14:00hrs</b>			



<b>14:00 - 15:50</b>	<b>Development of Environmental Management Plans (EMPs)</b>	<ul style="list-style-type: none"> <li>Learn the purpose and components of an Environment Management Plan (EMP);</li> <li>Understand how mitigation measures are integrated into the EMP;</li> <li>Recognize the importance of EMPs in minimizing environmental impacts.</li> </ul>	Ms. Manali Bhatt, SEAC - GPCB
<b>TEA BREAK: 15:50hrs – 16:00hrs</b>			
<b>16:00 – 17:30</b>	<b>Discussion Session</b>	<ul style="list-style-type: none"> <li>Engage participants in a discussion about the presented topics;</li> <li>Address any queries or concerns from the audience;</li> <li>Interaction with decision makers.</li> </ul>	Shri N. M. Tabhani, Retd. Member Secretary - GPCB
<b>DAY-02: 20<sup>th</sup> February 2025</b>			
<b>10:00 – 11:40</b>	<b>EIA: Air-Quality Modelling</b>	<ul style="list-style-type: none"> <li>Introduction to air quality modelling: <ul style="list-style-type: none"> <li>Dispersion models (e.g., Gaussian models).</li> <li>Chemical transport models.</li> </ul> </li> <li>Numerical models.</li> <li>Identification of potential mitigation measures to reduce air pollutant emissions, improve air quality, and minimize adverse impacts</li> <li>Hands-on training and software tools</li> </ul>	Dr. Anurag Kandya, PDEU
<b>TEA BREAK: 11:40hrs – 11:50hrs</b>			
<b>11:50 – 13:00</b>	<b>GIS &amp; Remote Sensing: A Vital Tool For EIA</b>	<ul style="list-style-type: none"> <li>GIS and Remote Sensing in EIA;</li> <li>Preparing various maps such as environmental sensitivity map, study area map, sampling location map, land use/ land cover of the study area;</li> <li>ArcGIS and QGIS, ERDAS IMAGE and ENVI;</li> <li>Demos &amp; practical aspects.</li> </ul>	Shri. Bhavya Vyas, GIS Faculty, TGIS
<b>LUNCH BREAK: 13:00 – 14:00</b>			
<b>15:00 – 16:00</b>	<b>Parivesh Portal and QCI_NABET</b>	<ul style="list-style-type: none"> <li>QCI_NABET;</li> <li>Interactive and Virtuous;</li> <li>Environmental Single-window Hub;</li> <li>Scheme for accreditation of EIA consultant organizations</li> </ul>	Ms. Madhavi Pimparkar, GEMI
<b>16:15 – 17:30</b>	<b>Study Tour at GEMI Labs</b>	<ul style="list-style-type: none"> <li>Tour of PDEU &amp; GEMI's state-of-the-art laboratory facilities;</li> <li>Exploring the advanced instruments and technologies dedicated to analyzing environmental samples.</li> </ul>	Dr. Nitasha Khatri, GEMI
<b>DAY 03: 21<sup>st</sup> February 2025</b>			



<b>10:30 – 11:45</b>	<b>Socio-Economic Dimensions in EIA</b>	<ul style="list-style-type: none"><li>• Introduction to Socio-Economic Aspects in EIA.</li><li>• Socio-Economic Impact Assessment (SIA) and its inter-relation with EIA.</li><li>• Importance of involving local communities and stakeholders in the EIA process.</li><li>• Methods and tools for assessing socio-economic impacts</li></ul>	Dr. Aashish Xaxa, IIT-G
<b>TEA BREAK: 11:45hrs – 12:00hrs</b>			
<b>12:00 – 13:30</b>	<b>Identifying Environmental Impacts (Ports)</b>	<ul style="list-style-type: none"><li>• EIA in context to Ports</li><li>• To identify and assess environmental impacts of hypothetical projects;</li><li>• Discuss findings and evaluate the effectiveness of mitigation measures.</li></ul>	Dr. Jayesh Ruparelia, Nirma University
<b>LUNCH BREAK: 13:30hrs – 14:30hrs</b>			
<b>14:30 – 16:00</b>	<b>Group Activity-02: EIA Impact Matrix</b>	<ul style="list-style-type: none"><li>• Learn about the stages of EIA and see how they are applied in real projects.</li><li>• Identification of environmental impacts and propose mitigation measures.</li><li>• Discussion the effectiveness of EIAs, highlighting areas for improvement in EIA practices.</li></ul>	Ms. Pushpanjali Pradhan, RAPC - GIDM
<b>TEA BREAK: 16:00hrs – 16:15hrs</b>			
<b>16:15 – 17:00</b>	<b>Post Test, Valedictory, Distribution of Certificates</b>	<ul style="list-style-type: none"><li>• Post-Test of Participants</li><li>• Feedback</li><li>• Handing over certificates</li></ul>	GIDM

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