



**A 2-day Residential Training Programme on  
'Navigating Environmental Impact Assessment and Clearance Processes'**

Time	Topic	Objectives	
<b>Day 1 (29<sup>th</sup> January 2024)</b>			
<b>10:00 – 10:15</b>	<b>Registration</b>	<ul style="list-style-type: none"> <li>Online Registration</li> </ul>	
<b>10:15 – 10:30</b>	<b>Inauguration &amp; Pre-Test</b>	<ul style="list-style-type: none"> <li>Pre-Test of Participants</li> </ul>	
<b>10:30 – 10:45</b>	<b>Tea Break</b>		<b>Resource Person</b>
<b>10:45 – 12:00</b>	<b>Introduction to EIA and Understanding its Regulatory Framework</b>	<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>	Ms. Madhvi Pimparkar, GEMI
<b>12:00 – 13:15</b>	<b>Environment Clearance Process Mechanics and Requirements</b>	<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>13:15 – 14:15</b>	<b>Lunch</b>		



<b>14:15 – 15:30</b>	<b>Structure &amp; Assessment of the EIA Reports</b>	<ul style="list-style-type: none"> <li>• Components of an EIA Report which will discuss the overview of the report's structure and content;</li> <li>• Evaluation criterion for assessing the EIA report;</li> <li>• Group exercise on examining real-world EIA reports to identify strengths, weaknesses, challenges, and lessons learned;</li> <li>• Effective practices for EIA report preparation and offering suggestions to enhance EIA process quality and efficacy.</li> </ul>	Dr. M. H. Bhadrecha, SEAC
<b>15:30 – 17:30</b>	<b>Field Visit to GEMI &amp; Group Exercise: Identifying Environmental Impacts</b>	<ul style="list-style-type: none"> <li>• Site Visit to GEMI followed by a group exercise on-site which will address the following: <ul style="list-style-type: none"> <li>- To identify and assess environmental impacts of hypothetical projects.</li> <li>- Discuss findings and evaluate the effectiveness of mitigation measures.</li> </ul> </li> </ul>	Dr. Nitasha Khatri, GEMI
<b>Day 2 (30<sup>th</sup> January 2024)</b>			
<b>10:00 – 11:10</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, GPCB
<b>11:10 – 11:25</b>	<b>Tea Break</b>		
<b>11:25 – 12:35</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/</li> </ul>	Dr. Dwanil Garekhan, CEPT University



		land cover of the study area <ul style="list-style-type: none"><li>• ArcGIS and QGIS, ERDAS IMAGE and ENVI</li></ul>	
<b>12:35 – 13:45</b>	<b>Administrative Aspects of EC Process</b>	<ul style="list-style-type: none"><li>• Understand administrative procedures, including submission of applications;</li><li>• Discuss the scrutiny and acceptance of online applications;</li><li>• Learn about the appraisal of Projects and Procedure at SEAC/SEIAA Level.</li></ul>	Ms. Minaxi Rathod, GBCB
<b>13:45 – 14:45</b>	<b>Lunch</b>		
<b>14:45 – 16:00</b>	<b>EIA: Air-Quality Modelling &amp; Groundwater Management</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><li>- Numerical models.</li></ul></li><li>• Groundwater modelling:<ul style="list-style-type: none"><li>- Principles and approaches.</li><li>- Groundwater flow and contaminant transport models.</li></ul></li></ul>	Dr. Anuarg Kandya, Associate Professor, PDEU
<b>16:00 – 16:15</b>	<b>Tea Break</b>		
<b>16:15 – 17:00</b>	<b>Concluding Session &amp; Discussions</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>	Mr. A. K. Saxena, Chairman-SEAC & Mr. N. M. Tabhani, Retd. Member Secretary - GPCB
<b>17:00 – 17:30</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