

Environmental Impact Assessment of Oil and Gas Projects

COURSE OVERVIEW

Environmental and social sustainability has become a critical component of oil and gas project development. This comprehensive course provides participants with the tools, techniques, and global frameworks required to conduct Environmental Impact Assessments (EIA) specifically for oil and gas infrastructure. Delegates will gain a deep understanding of how to identify, evaluate, and manage environmental risks and impacts from exploration through decommissioning.

The course blends technical, regulatory, and practical perspectives, covering environmental baselines, stakeholder engagement, impact mitigation planning, and environmental performance monitoring. It draws on real-world examples from upstream, midstream, and downstream projects to ensure participants can apply their knowledge directly to their roles.

WHO SHOULD ATTEND?

This course is designed for Environmental Managers, HSE Officers, Project Managers, Regulatory Compliance Officers, Sustainability Professionals, ESG and CSR Leads, Engineers, and Government Officials involved in approving or overseeing oil and gas projects.

COURSE OUTCOMES

Delegates will gain knowledge and skills to:

- Understand the principles, scope, and stages of EIA in oil and gas projects
- Identify key environmental and social risks at each phase of a project lifecycle
- Conduct and manage baseline studies and impact assessments
- Develop Environmental Management Plans (EMPs) and mitigation strategies
- Ensure stakeholder engagement, public participation, and disclosure compliance
- Align EIA processes with national regulations and global standards (e.g., IFC, World Bank, ISO 14001)
- Oversee post-implementation monitoring and ensure adaptive environmental management

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand:

- EIA legal frameworks and global best practices in oil and gas
- Risk mapping across exploration, drilling, transport, refining, and decommissioning
- Conducting baseline environmental studies (air, water, soil, biodiversity, socio-economic)
- Impact prediction tools: qualitative, quantitative, and GIS-based methods
- Developing mitigation measures and Environmental Management Plans (EMP)
- Community consultation and stakeholder engagement techniques
- Preparing and reviewing EIA documentation and reports
- Monitoring, compliance, and environmental auditing techniques
- Case studies: pipeline routing, offshore E&P, refinery expansion, gas flaring, and spills

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded