



STRATEGIC ENVIRONMENTAL ASSESSMENT - SEA

KRISHNAJI PAWAR, LEED AP BD+C, GSAS CGP, ISO 14001:2015, GCP
ENVIRONMENTAL SPECIALIST COURSE





SUMMARY AND RESOURCES FOR ENVIRONMENTAL PROFESSIONALS

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ENVIRONMENTAL SPECIALIST CURRICULUM





SUMMARY

- Introduction to Strategic Environmental Assessment - SEA, Scope and Objectives
- Requirements for the SEA
- Legal Framework Standards, International conventions and Protocols, Specific Environmental guidelines and standards
- Project Description and Environmental baseline
- Environmental Impacts, Mitigation Measures and Risk Management
- Environmental Management Framework, Roles and responsibilities
- Statements of Commitments



SUMMARY +



Executive summary : This chapter contains a non-technical summary of the main SEA Report findings in both English and Arabic.

Chapter 1: Introduction This chapter gives background information on the SEA process for project and describes the objectives and scope of the SEA Report. It also gives a brief description of the SEA Report team.

Chapter 2: Legal Framework and Standards This chapter establishes the legal framework and the national and international guidelines and standards that will govern the SEA process.

SUMMARY +



Chapter 3: Project development Master Plan : This part of the report describes the main features of the Project Final Master Plan. This chapter provides information about the location and the phasing of the development and an overview of other projects, plans and programs related to project . The stakeholder engagement process is described in this section.

Chapter 4: Environmental Baseline Based on desktop data and the results of the several baseline surveys, this chapter describes the existing environmental characteristics in the study area and its surroundings.

SUMMARY +



Chapter 5: Environmental Impacts and Mitigation This chapter describes the methodology applied to the assessment of the different environmental impacts & the impact mitigation measures considered. Cumulative & residual impacts are also assessed & evaluated. A risk assessment for non-routine operational impacts is also included in this chapter.

Chapter 6: Environmental Management Framework This chapter outlines the environmental management framework for the project development. This EMF covers all phases of development & sets indicators to monitor environmental performance.

SUMMARY +



Chapter 7: Statement of Commitments This chapter summarises the different commitments made by the several stakeholders involved in the project.

Chapter 8: Conclusion and next steps This SEA Report supports the goals of environmental protection and sustainable development; integrates environmental protection and financial decisions at the earliest stages of planning an activity; predicts environmental, social, and economic consequences of the proposed activity; assesses measures to mitigate any adverse impacts resulting from the proposed activity; and provides for the involvement of government and other agencies in the review of the Master Plan proposed activities.

KEY TAKEAWAYS



The Strategic Environmental Assessment - SEA course was carried out over a half-day session and the aim of the course was to give the professionals the implementation, development and understanding of SEA for any project or development.

Review the various areas of the Environmental Management and Implementation during construction. Work through practical examples to demonstrate the topics and procedures covered.

This training program helps to prepare attendees to develop and implement SEA/EIA for Qatar - MME requirement.

Sample copy of SEA for Qatar - requirements and MME presentation.

RESOURCES



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6. Al-Khayat 1999. A preliminary study of coral reef and its associated biota in the Qatari waters, Arabian Gulf. Al-Khayat, J. 1997. The Marine Mollusca of the Qatari Waters, Arabian Gulf. Qatar Univ. Sci. J.

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8. Autumn Lyn Radle. (2007) The Effect Of Noise On Wildlife: A Literature Review. Bain and Company (2011). QEZ Qatar Economic Zones, 98 p (Bain and Company, 2011).

9. Ballesteros, M.J., Feinader, M.D., Quintana, S., Ballesteros, J.A., & Gonz, J. (2010) Noise emission evolution on construction sites. Measurement for controlling and assessing its impact on the people and on the environment. Building and Environment, 45, 711- 717.

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