

ENVIRONMENTAL IMPACT ASSESSMENT AND AUDITING

Sustainable Development Framework for Environmental Impact Assessment. screening, Scoping and Base line Studies, Significance and Importance of Impacts, Mitigation aspects, Assessment of alternatives, Public Hearing, Decision Making. Assessment of impacts on physical resources, ecological resources, human use values and quality of life values.

Impact assessment methodologies -various methods, their applicability. Strategic Environmental Assessment. Environmental Management Planning. Disaster management planning.

Concepts of environmental audit, objectives of audit. Types of Audits; Features of Effective auditing; Programme Planning; Organisation of Auditing Programme, pre-visit data collection. Audit Protocol; Onsite Audit; Data Sampling - Inspections - Evaluation and presentation; Exit Interview; Audit Report - Action Plan - Management of Audits.

References

1. Larry, W. C "Environmental Impact Assessment" McGraw Hill Inc. Singapore.
2. Riki Therirvel, E.Wilson, S.Thompson, D.Heaney, D. Pritchard. Earthscan "Strategic Environmental Assessment" London.
3. Alan Gilpin "Environmental Impact Assessment-Cutting edge for the 21st century" CUP, London.
4. Peter Wathern, Unwin Hynman "Environmental Impact Assessment-Theory & Practice", Sydeny.
5. Paul, A Erickson "A Practical Guide to Environmental Impact Assessment", Academic Press.