



ENVIRONMENTAL IMPACT ASSESSMENT METHODOLOGIES

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KEY SELLING POINTS

- ◆ Caters to the needs of both postgraduate students studying Environmental Science/Engineering as special subject and practising EIA consultants and Environmental Managers in Industrial Regulatory Bodies.

BOOK INFORMATION

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This book is structured into two parts. In the first part the first nine chapters deal with various components of EIA methodologies like identification, prediction and assessment of direct and indirect environmental impacts, while in chapter 10 environmental audit procedures are discussed.

In part two, guidelines for the preparation of EIA for various types of developmental projects are given so that it will be useful as a ready reference for practising Environmental Scientists and Engineers

Contents: Fundamental approach for Environmental Impact Assessment; EIA Methodologies; Assessment of Impacts on Developmental Activities and Land Use; Environmental Impact Assessment on Surface Water Environment; Prediction and Assessment of Impacts on Biological Environment; Prediction and Assessment of Impacts on air Environment; Prediction and Assessment of Impacts on Noise on the Environment; Assessment of Socio-Economic Impacts; Preparation of EIA for Some Typical Developmental Activity; Environmental Audit.

Guidelines for the Environmental Impact Assessment of Small Structures and Related Activities in Coastal Bodies of Water, MTR-6916 Rev. 1 (McLean, Virginia: Mitre Corporation, 1975).Google Scholar. 23. Canter, L.W. and L.G.Hill. Handbook of Variables for Environmental Impact Assessment (Ann Arbor, Michigan: Ann Arbor Science Publishers, 1979).Google Scholar. 24.Â Sicherman, A. â€œGeneral Methodology and Computer Tool for Environmental Impact Assessment with Two Case Study Examplesâ€, pp. 638â€“642 in Proceedings of the International Conference of the Cybernetics Society, Tokyo and Kyoto, Japan, Nov. 1978, vol. 1 (New York, New York: IEEE, 1978).Google Scholar. 51. Environmental Impact Assessment Theory and Practice. Assessment of Impacts of Developmental Activities on Vegetation and Wildlife. ENVIRONMENTAL IMPACT ASSESSMENT (MSM3208) LECTURE NOTES 2-Basic Concepts for Assessing Environmental Impacts. ENVIRONMENTAL IMPACT ASSESSMENT (MSM3208) LECTURE NOTES 9-Screening. Decision Making in the EIA Process. Lecture-11-ENVIRONMENTAL IMPACT IDENTIFICATION METHODOLOGIES.pdf. Environmental Impact Assessment Report. Guidelines for the Environmental Impact Assessment of Highway or Road Projects. Eia Term Paper. A Handbook of Environmental Impact Assessment. Ad Ho Environmental Impact Assessment (EIA) is a process of evaluating the likely environmental impacts of a proposed project or development, taking into account inter-related socio-economic, cultural and human-health impacts, both beneficial and adverse. UNEP defines Environmental Impact Assessment (EIA) as a tool used to identify the environmental, social and economic impacts of a project prior to decision-making. It aims to predict environmental impacts at an early stage in project planning and design, find ways and means to reduce adverse impacts, shape projects to suit the local environment and EIA: concept and stages. The Environmental Impact Assessment (EIA) of Projects is a key instrument of European Union environmental policy. It is currently governed by the terms of European Union Directive 2011/92/EU, as amended by Directive 2014/52/EU on the assessment of the effects of certain public and private Projects on the environment (EIA Directive). Since the adoption of the first EIA Directive in 1985 (Directive 85/337/EEC), both the law and EIA practices have evolved.Â The information relating to a Projectâ€™s significant effects on the environment is gathered during the third stage: the preparation of the EIA Report. These three stages are complemented by specific steps in the EIA process.