



# 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

ISBN: 1 904798 039  
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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.

ILCD Handbook: Analysing of existing Environmental Impact Assessment methodologies for use in Life Cycle Assessment First edition. The mission of the Institute for Environment and Sustainability is to provide scientific-technical support to the European Union's Policies for the protection and sustainable development of the European and global environment. © European Union, 2010  
Reproduction is authorised provided the source is acknowledged. ii. ILCD Handbook: Analysing of existing Environmental Impact Assessment methodologies for use in Life Cycle Assessment First edition. Preface. This Second Edition of Environmental Impact Assessment Methodologies covers basic concepts and important methodologies. It details the prediction and assessment of impacts on soil and groundwater management, surface water management, biological environment, air environment, the impact of noise on the environment, and of socio-economic and human health impacts. This new edition contains an additional chapter on environmental risk assessment and risk management, a chapter on the application of remote sensing and GIS in EIA and a chapter with EIA case studies. Written clearly and concisely, it pr