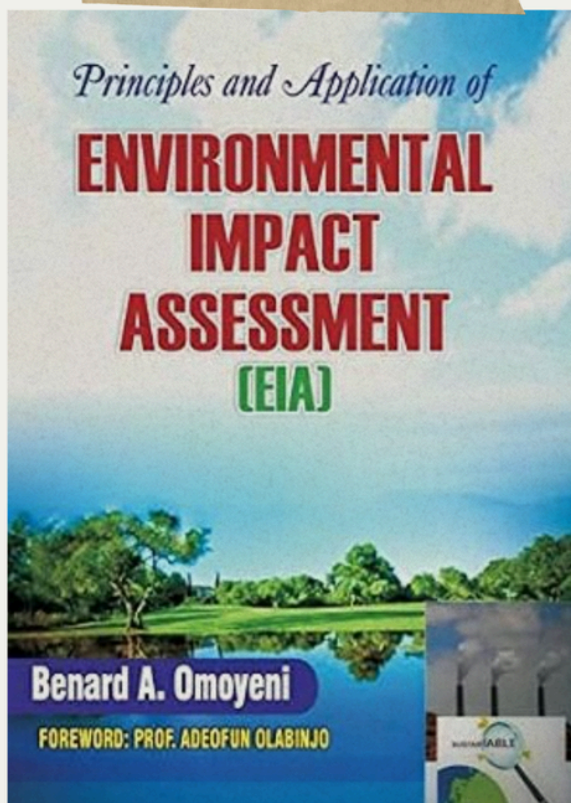




BOOK REVIEW



TITLE: Principles and Application of Environmental Impact Assessment (EIA)
PUBLISHER: Benard A. Omoyeni
AUTHOR: Benard Adedotun Omoyeni
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REVIEWER: CHAI HSIEH NEE
(JAS NEGERI SABAH)



Principles and Application of Environmental Impact Assessment (EIA) is a comprehensive guide that introduces the principles, methodologies, and practical applications of Environmental Impact Assessment (EIA). Written by environmental specialist Benard Adedotun Omoyeni, the book aims to strengthen the implementation of EIA worldwide by promoting its role as an essential decision-making tool for sustainable development projects.

The book explains the fundamental concepts of EIA, including its historical development, objectives, legal and regulatory framework, and significance in environmental management. It provides a step-by-step explanation of the EIA process, covering project screening, scoping, baseline environmental studies, impact identification, impact prediction, evaluation techniques, mitigation measures, and environmental monitoring. The author also introduces practical methodologies for field data collection, laboratory analysis, environmental modelling, and the application of Geographic Information Systems (GIS) in environmental assessments.



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A key strength of the book is its practical orientation. It discusses how Environmental Management Plans (EMPs) are developed and implemented to minimize adverse environmental and socio-economic impacts of development projects. The final chapters emphasize stakeholder engagement and public participation, highlighting their importance in ensuring transparency, project acceptance, and compliance with environmental regulations.

Overall, Principles and Application of Environmental Impact Assessment (EIA) serves as a valuable reference for students, lecturers, researchers, environmental consultants, government agencies, and industry practitioners. By combining theoretical knowledge with practical guidance and international best practices, the book supports the effective application of EIA as a tool for environmental protection, sustainable development, and informed decision-making.

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