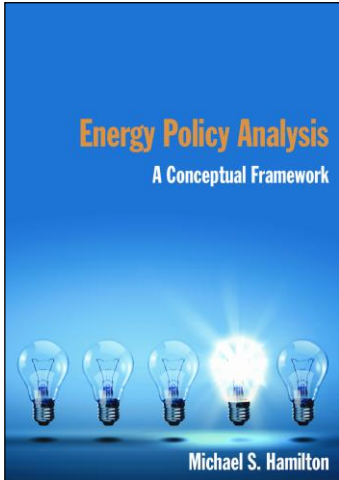


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Energy Policy Analysis

A Conceptual Framework

Michael S. Hamilton, University of Southern Maine

Presented in nontechnical terms, this book offers a unique and powerful conceptual framework for analysis of energy technologies (standard and alternative) in terms of their respective dollar costs, environmental costs, and national security costs. Energy technologies examined include coal, nuclear, oil, natural gas, solar, wind, geothermal, hydropower, biomass and biogas, energy conservation and efficiency, ocean power, hydrogen, electric power and transmission, and transportation. This three-point framework allows examination of issues and problems associated with implementation of U.S. energy policies in the context of major social goals (such as growth and equity), with treatment of conflicts and trade-offs between energy development and other social values (such as health and safety, cultural, historical, and

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