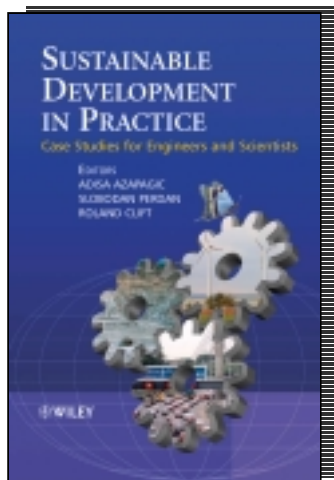


# New book

## Sustainable Development in Practice

### Case Studies for Engineers and Scientists

Adisa Azapagić, University of Surrey, UK; Slobodan Perdan and Roland Clift, University of Surrey, UK



This ground-breaking text looks at the ways of integrating sustainability aspects into science and engineering.

Case study based, with real world and practical examples relevant for both developed and developing countries, the textbook shows how sustainability criteria can be combined with the more traditional scientific and engineering considerations to design and operate industrial systems in a more sustainable way.

Taking a life cycle approach to address economic, environmental and social issues, it includes the following areas:

- air pollution prevention and control
- fresh water and waste water treatment
- solid waste management
- current and future energy sources and technologies
- design and manufacturing of chemicals
- process design and contracting
- industrial ecology of materials

Essential reading for all engineers and scientists interested in sustainability, science and engineering educators, and undergraduate and postgraduate students reading:

- Chemical Engineering
- Energy Studies
- Environmental Engineering
- Environmental Management
- Environmental Science
- Environmental/Clean Technology
- Green Chemistry
- Industrial Engineering
- Manufacturing and Design
- Mechanical Engineering
- Process and Product Engineering
- Water/Wastewater Engineering

Social scientists, social geographers and related disciplines may also find some aspects of the book of interest, particularly those involved in multidisciplinary work with scientists and engineers.

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2. C. Mitchell, A. Carew and R. Clift: The Role of Engineers and Scientists in Sustainable Development

#### Part 2: Case Studies

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Tutor Notes: Available separately on the Wiley web site

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