



Technologies for Sustainable Life

CONCISE MONOGRAPHS SERIES

Call For Authors

This new concise monograph series (comprised of small contributions of 100-120 pages each) provides perspectives and applications of engineering technologies to a sustainable, low carbon economy.

Written by leading experts in environmental engineering, pollution control and environmental policy, the series is intended to furnish the 21st century engineer with a practical and well-rounded introduction concerning the new sustainability agenda – one focused on energy resource efficiency, linked infrastructures and integrated policy design. Each concise monograph offers a definitive analysis of its subject, with an applied focus that promotes engineering relevance and the contribution of technology to the sustainability agenda.

Following an introduction to the key issues and the tenets of systems thinking, the series adopts a 'resource cycle' logic; progressing through a discussion of ecosystems and natural resources, materials extraction and flow through economies and then sustainable manufacturing and energy utilization. These themes are then linked to the cross-cutting aspects of pollution control and, finally, organizational governance and policy development.

For more information on this new ASME Press series, visit: <http://asmepress.org/tslseries.html>

To submit a proposal for consideration and further information, contact Tara Smith: smitht@asme.org

Proposals and manuscripts are subject to peer review, and acceptance for publication is based on approval of both.

More information on reverse side.

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Technologies for Sustainable Life (TSL) Concise Monograph Series

Scope

The series will be comprised of 100-120 page contributions disseminating in an accessible manner new and developing technologies that can reduce carbon emissions and improve renewable and more environmentally friendly implementation of such technologies across a broad spectrum of applications to enhance our lives and prolong our existence on planet Earth. Each published contribution will yield valuable information with a particular emphasis on the potential benefits that application of these technologies can provide for a more sustainable environment.

The series will focus on new technologies that will contribute to a more sustainable environment and, through application, impact our lives.

Core topics include, but are not limited to:

- Innovative new energy generation (advanced fuels, energy from waste, biomass)
- Renewable energy
- Cleaner fossil and safer nuclear energy technologies (including carbon capture and storage)
- Energy storage, conversion and more efficient distribution
- Energy management (including energy efficiency in buildings, intelligent energy systems)
- Materials extraction
- NanoMaterials, and other advanced materials for sustainable applications
- Materials and resource security
- Cleaner manufacturing processes and implementation
- Designing new products, services and devices incorporating sustainability considerations
- Clean transport
- Low emission buildings and construction technologies
- Environmental technology and engineering (all aspects – several)
 - water engineering
 - wastewater engineering
 - solid wastes management and technology
 - air pollution control technology
 - hazardous and nuclear wastes treatment
- Food systems and agricultural engineering
- Low carbon footprint living, consumer behaviour, housing and lifestyles
- Standards, regulation and policy
- Technology assessment and appraisal
- Renewable waste, regeneration
- Renewable products and low carbon services
- Lifestyle, consumerism, and responsible holistic living issues
- Cost-benefit issues associated with a sustainable environment
- Materials flow analysis, life cycle analysis
- Environmental economics
- Soils management

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