Special Issue

Life Cycle Assessment and Carbon Footprint in Energy Systems

Message from the Guest Editor

Life cycle assessment (LCA) methodology is a widely accepted method for evaluating different production systems and processes, which takes into account detailed material flow analysis in the analyzed systems. Social life cycle assessment and life cycle costing are also recommended to identify the sustainability of evaluated systems. Case studies of energy-based systems at different scales will be covered in this Special Issue, as well as multidisciplinary valuation techniques and methods for estimating derived GHG emissions and sustainability in energy-based case studies.

Guest Editor

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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