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Engineering Education for Sustainability

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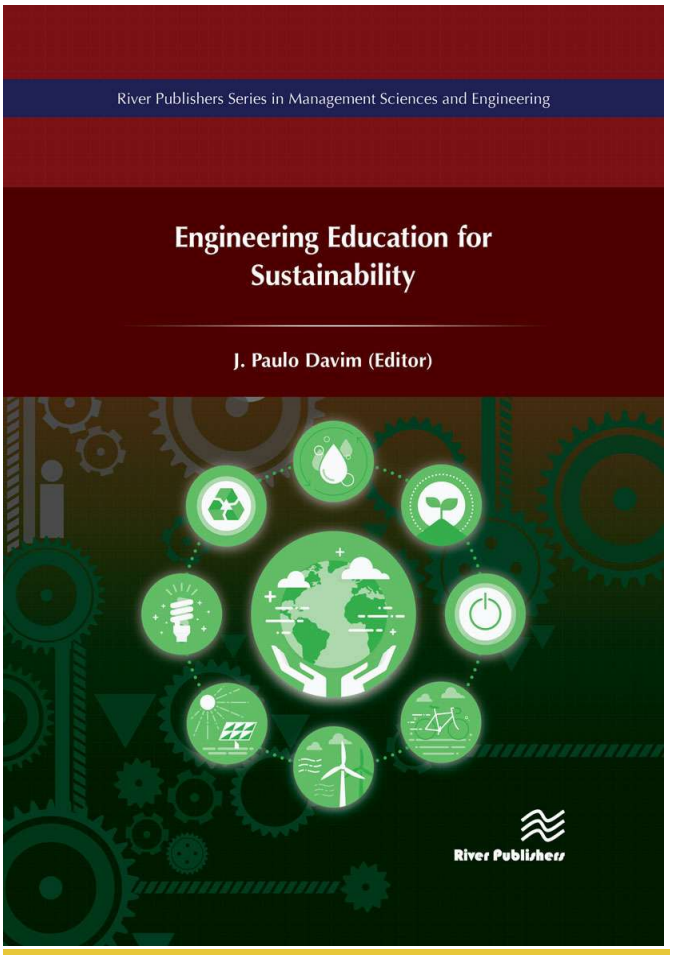
Understood to be a key issue in modern society, sustainability is characterized by its three essential pillars, namely: the environment, society and the economy. Education plays an important role in how people understand and accept sustainability. The integration of sustainability in engineering education is a relatively new phenomenon, and presenting information about engineering education for sustainability is of great interest to improve communication between professors, researchers and students at universities, institutes and research laboratories.

Topics discussed in the book include:

- Experiences from 5 years of educating sustainability to computer science students
- Review of decision support methods in green and sustainable supply chains
- Analyzing the drivers of engineering education for sustainability using the MCDM approach
- Visualization technologies in construction education: a comprehensive review of recent advances
- A legal framework and compliance with construction safety laws and regulations



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