

A pair of hands is shown from the wrist up, palms facing each other. Between the hands is a bright, glowing blue sphere of energy. From this sphere, several jagged, lightning-like bolts of blue light extend outwards. The background is dark and textured.

Textbook  
Series

# Energy Harvesting

## Principles, Modeling and Applications

**Michael Stock**

 **Larsen & Keller**

# Energy Harvesting: Principles, Modeling and Applications

Edited by  
**Michael Stock**

 **Larsen & Keller**  
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Edited by Michael Stock  
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# Energy Harvesting: Principles, Modeling and Applications

The process of collecting energy from sources like wind, solar, thermal and other energy resources, in order to store it in electronic devices is called energy harvesting. The different methods of energy harvesting are photovoltaic energy harvesting, wireless energy harvesting, piezoelectric energy harvesting, pyroelectric energy harvesting, etc. This book explores all the important aspects of energy harvesting in the present day scenario. It unfolds the innovative aspects of this field which will be crucial for the holistic understanding of the subject matter. This textbook is meant for students who are looking for an elaborate reference guide on energy harvesting and have the desire to understand the various applications and models of the subject.

**Michael Stock** pursued his MSc in Power Engineering and Sustainable Energy from Swansea University, United Kingdom. His interest areas of academic research include super capacitors and photovoltaics. He has written several technical papers on energy harvesting for which he won the "Distinguished Scholar Award". Stock is a renowned lecturer of undergraduate programs and travels extensively for educating students across the globe.