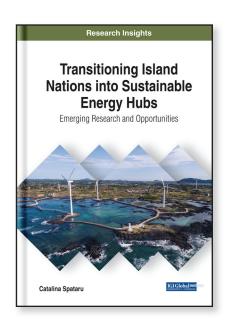
## Transitioning Island Nations Into Sustainable Energy Hubs: Emerging Research and Opportunities

Part of the Advances in Environmental Engineering and Green Technologies Book Series

Catalina Spataru (UCL Energy Institute, UK)

## **Description:**

Many islands currently rely on heavy fuel oil as their primary energy source. As the issue of pollution and climate change became a reality, many countries, including island nations, began looking to reduce their carbon emissions by launching programs and policies designed to ease their transition from oil to alternative energy technologies that are more environmentally friendly.



**Transitioning Island Nations Into Sustainable Energy Hubs: Emerging Research and Opportunities** provides the latest research exploring the theoretical and practical aspects of establishing renewable energy source systems on islands. Featuring coverage on a broad range of topics such as the vision of future energy networks and its role in creating the idea of energy hubs, this book is ideally designed for academicians, environmental professionals, researchers, policy makers, environmental engineers, and individuals seeking current research on renewable energy development.

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## **Topics Covered:**

- Energy Policies
- Energy Transmission Networks
- Hydro-Wind Power
- Hydropower
- National Transmission System

- Net Metering
- Renewable Energy Development
- Renewable Energy Technologies
- Solar Power
- Sustainability

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