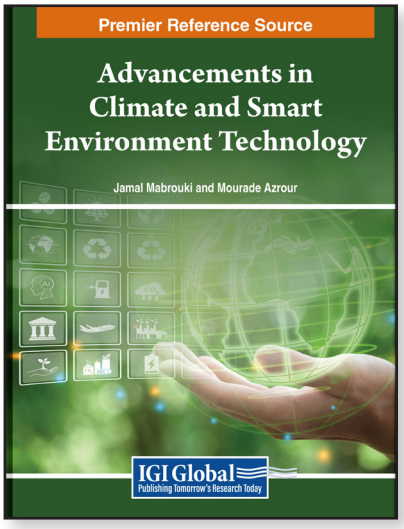
Advancements in Climate and Smart Environment Technology



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

Jamal Mabrouki (Mohammed V University in Rabat, Faculty of Science, Morocco, Morocco) and Mourade Azrour (Computer Engineering, at Faculty of Science and Technology Errachidia, Morocco)

Description:

The world faces escalating environmental and healthcare challenges, from climate change to managing natural resources and providing efficient medical services. These issues are complex, often requiring intricate modeling and intervention from domain experts. Traditional analytical methods need help to cope with the complexity and scale of these challenges, leading to inefficiencies and suboptimal outcomes. There is a pressing need for innovative solutions that can enhance our ability to address these issues effectively.

Advancements in Climate and Smart Environment Technology present a compelling solution to these pressing problems. By leveraging the power of artificial intelligence (AI) techniques, we offer a path toward more efficient and effective solutions in environmental engineering, healthcare management, and natural resource conservation. AI provides the tools to model complex systems, optimize processes, and make informed decisions without constant expert intervention, thus revolutionizing these fields.

This book is a comprehensive guide for scholars, researchers, and practitioners in various fields related to environmental and healthcare sciences. It explores the applications of AI in areas such as innovative environments, sustainable agriculture, climate change mitigation, and healthcare delivery. By offering insights into the efficiency and effectiveness of AI models, our book equips readers with the knowledge and tools needed to tackle these challenges head-on. Through a deep dive into AI and its intelligent technologies, readers will gain a broader understanding of how to create sustainable solutions for our planet and healthcare systems.

ISBN: 9798369338070 **Pages:** 340 **Copyright:** 2024 **Release Date:** May, 2024

Hardcover: $225.00 **E-Book:** $225.00 **Hardcover + E-Book:** $270.00

Topics Covered:

- Agriculture
- Biodiversity
- Circular Economy
- Climate Change
- Energy
- Fisheries
- Green Fuels
- Internet of Things
- Mining Activities
- Natural Resources
- Renewable Energy
- Smart Agriculture
- Smart Systems
- Socio-Economic Impacts
- Sustainable Development
- Sustainable Environment
- Water Engineering

Subject: Computer Science & Information Technology

Classification: Edited Reference

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

Order Information
Phone: 717-533-8845 x100
Toll Free: 1-866-342-6657
Fax: 717-533-8661 or 717-533-7115
Online Bookstore: www.igi-global.com
Mailing Address: 701 East Chocolate Avenue, Hershey, PA 17033, USA

IGI Global
Publishing Tomorrow's Research Today