

Innovative Materials for Environmental and Aerospace Applications

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Description:

In settings where environmentally friendly practices and policies are prioritized, sustainability and technological progress thrive, making it essential to study and evaluate innovative approaches. Emerging research in materials science is driving innovative solutions for environmental and aerospace engineering by developing materials that are lighter, stronger, and more sustainable. These advancements not only support greener technologies but also enhance performance, pushing the boundaries of what is possible in aerospace and environmental applications.

Innovative Materials for Environmental and Aerospace Applications serves as an inclusive compilation of cutting-edge studies that address important challenges in two connected fields. It explores unique materials and methods that not only strengthen performance but also promote environmental stewardship. Covering topics such as aerospace engineering, hydrogen production, and water purification, this book is an excellent resource for environmental scientists, aerospace professionals, materials scientists, sustainability professionals, academicians, researchers, graduate and postgraduate students, and more.

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Topics Covered:

- Aerospace Engineering
- Corrosion
- Environmental Engineering
- Grain Refinement
- Hydrogen Production
- Materials Science
- Space Propulsion
- Synthesized Catalysts
- Wastewater Treatment
- Water Purification

Subject: Physical Sciences and Engineering
Readership Level: Advanced-Academic Level (Research Recommended)

Classification: Edited Reference
Research Suitable For: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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