Innovation for a Sustainable Future: Technologies, Practices, and Social Impact

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Description:

Sustainable innovation represents the intersection of technology, environment, and social responsibility. As the world faces challenges like climate change, resource depletion, and social inequality, innovative solutions create systems that support human and environmental wellbeing. Emerging technologies, from renewable energy and circular economy models to digital tools for environmental monitoring, reshape industries and communities toward sustainability. Progress requires technological advancement and shifts in behavior, governance, and values. By integrating innovative practices across science, business, and society, organizations can build a resilient and equitable future that balances economic growth with environmental sustainability.

Innovation for a Sustainable Future: Technologies, Practices, and Social Impact explores how innovative technologies and sustainable practices address global environmental, economic, and social challenges. It examines how innovation drives positive social impact, fosters responsible resource use, and promotes long-term resilience. This book covers topics such as manufacturing, environmental science, and public administration, and is a useful resource for business owners, sociologists, policymakers, academicians, researchers, and scientists.

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Topics Covered:

- Artificial Intelligence (AI)
- Environmental Science
- Government and Law
- Manufacturing
- Policymaking
- Public Administration
- Social Entrepreneurship
- Socio-Economic Development
- Sociology
- Sustainable Development
- Technology Adoption and Evolution
- Waste Management

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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