

# Sustainable Approaches and Strategies for E-Waste Management and Utilization

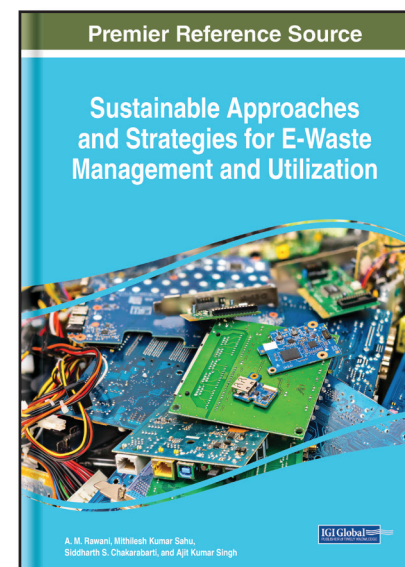
Part of the Practice, Progress, and Proficiency in Sustainability Book Series

A. M. Rawani (NIT Raipur, India), Mithilesh Kumar Sahu ( OP Jindal University Raigarh, India), Siddharth S. Chakarabarti ( OP Jindal University Raigarh, India) and Ajit Kumar Singh (OP Jindal University Raigarh, India)

## Description:

In this contemporary world, urbanization, industrialization, and digitalization have drastically expanded to provide better living standards for human beings. The rate of change in technology is also very high, which introduces updated electronic devices very frequently in the market, which results in a huge garbage dump of e-waste. With the increase in the use of electronic devices, the e-waste generated over the globe is also increasing drastically, which becomes a barrier to sustainable development. Therefore, it is essential to formulate strategies and manage the e-waste generated from all sources to achieve sustainable goals.

**Sustainable Approaches and Strategies for E-Waste Management and Utilization** assesses the activities involved in e-waste generation; identifies the potential impacts of e-waste on society, the economy, and the environment; and recommends appropriate e-waste handling and disposal measures following the rules of regulatory bodies. Covering key topics such as sustainable development, waste recovery, and innovation, this reference work is ideal for industry professionals, environmental scientists, administrators, policymakers, researchers, academicians, scholars, instructors, and students.



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## Topics Covered:

E-Waste  
Industry 4.0  
Innovation  
Recycling  
Sustainability

Sustainable Development  
Waste  
Waste Categorization  
Waste Management  
Waste Recovery

**Subject:** Environment and Agriculture

**Classification:** Edited Reference

**Readership Level:** Advanced-Academic Level  
(Research Recommended)

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

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