Building Sustainability Through Environmental Education

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

Lynn A. Wilson (Walden University, USA) and Carolyn N. Stevenson (Kaplan University, USA)

Description:
Global climate change will alter the environmental forces of today and increasingly affect weather patterns, rises in temperature, and government policies for decades to come. To provide future generations with the knowledge and resources needed to develop solutions for these ongoing issues, current shortcomings in environmental education need to be addressed.

Building Sustainability Through Environmental Education is a collection of innovative research on methods and applications for creating comprehensive environmental education programs that support sustainability practices and instruct students on a variety of topics including water resource management, disaster risks and mitigation, and issues surrounding climate change. Targeting an audience of educators, conservationists, instructional designers, administrators, academicians, researchers, policymakers, and students, this publication provides practical applications and examples of integrating best environmental sustainability practices into education.


Topics Covered:
- Art and Science Collaboration
- Climate Change Adaptation
- Climate Legislation
- Disaster Risk Management
- Incremental Learning
- Learning Spaces
- Science Communication Tools
- Student Perspectives
- Sustainable Development Goals
- Water Security

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