

1. Record Nr.	UNINA9910984583403321
Autore	Leal Filho Walter
Titolo	Competence Building in Sustainable Development // edited by Walter Leal Filho, Bianca Gasparetto Rebelatto, Alice Annelin, Gert-Olof Boström
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031803802 9783031803796
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (525 pages)
Collana	World Sustainability Series, , 2199-7381
Altri autori (Persone)	Gasparetto RebelattoBianca AnnelinAlice BoströmGert-Olof
Disciplina	720.47 696
Soggetti	Sustainable architecture Architecture Technological innovations Sustainability Sustainable Architecture/Green Buildings Innovation and Technology Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Supporting Sustainability Mindsets in Initial Teacher Training: A Systematic Literature Review (Liisi Pajula) -- Chapter 2. Competence Building in Sustainable Development at IED Madrid (Beatriz Amann) -- Chapter 3. Engineering a Sustainable Future with EPS@ISEP (Benedita Malheiro) -- Chapter 4. Promoting Sustainable Development in Higher Education: Lund University Agenda 2030 Graduate School (Ylva van Meeningen) -- Chapter 5. Curriculum design to foster sustainability competence development, a case study on surfacing sustainability knowledge and skills at the University of Leeds (Vasiliki Kioupi) -- Chapter 6. A Case for Enterprise Engagement in Multi-stage Sustainability Education for University Engineering Students (Thomas Treacy) -- Chapter 7. Skills Development for Sustainability in the VET

Context: The Green Wave Project and its Innovative Pedagogical-didactic Model (Scarinci Alessia) -- Chapter 8. Different ways to develop sustainability competences – experiences from the University of Gothenburg (J. Boman) -- Chapter 9. Competence building through off-campus service learning - Exploring the impact of a 'Sustainability Challenge' (Inga Schmidt-Ross) -- Chapter 10. Green Human Talent Development Management, Green Knowledge and Innovation in Green Economy (José G. Vargas-Hernández) -- Chapter 11. Innovative Pedagogies for Sustainability Education (Negar Sohaee) -- Chapter 12. Facilitation of the Internalization Process of Circular Economic Concepts in Students Through Quality Education: Use of Case Studies in Teaching (Kamani Sylva) -- Chapter 13. Key Competencies for Circular Product Development (Vytaute Dlugoborskyte) -- Chapter 14. Future Scientists for Sustainable Agricultural Development through Interdisciplinary Graduate Education (Melanie Miller Foster) -- Chapter 15. Comprehensive Process and Tools for Integrating Sustainability Education into Engineering Curricula (Gemma Tejedor) -- Chapter 16. Relational competence building in sustainable development: a systems-thinking approach (Glen Rutherford) -- Chapter 17. Critical Thinking as a key to Competence Building in Sustainable Development (Roland Zarzycki) -- Chapter 18. The role of Ecopedagogy in the development of sustainability responsible students (Ivo Dickmann) -- Chapter 19. Building Sustainability Competence Capacity amongst Educators: Uncovering Interdisciplinary Perspectives (Alice Annelin) -- Chapter 20. The Future of Competence Building for Sustainable Development (Walter Leal Filho).

Sommario/riassunto

This book aims to provide a comprehensive guide to understanding and implementing the competencies required for sustainable development. In recent years, the need for sustainable development has become increasingly evident across various sectors globally. Climate change, resource depletion, and social inequalities pose significant challenges that demand urgent and comprehensive action. The concept of sustainable development is not merely an environmental concern; it encompasses economic, social, and governance dimensions, necessitating a holistic approach to address these interlinked issues effectively. It seeks to bridge the gap between theoretical frameworks and practical applications, offering insights that are relevant to policymakers, educators, business leaders, and individuals committed to sustainability. The genesis of this book lies in the recognition that achieving sustainable development is contingent upon building and enhancing competencies at multiple levels—individual, organizational, and societal. Competence in sustainable development involves a combination of knowledge, skills, attitudes, and values that empower individuals and organizations to contribute effectively to sustainable goals. One of the key strengths of this book is its multidisciplinary approach. Sustainable development is inherently interdisciplinary, requiring insights from environmental science, economics, social sciences, and management studies. The contributors to this book bring diverse perspectives and expertise, ensuring a rich and nuanced exploration of the subject matter. Furthermore, this book emphasizes the importance of education and training in building competencies for sustainable development. It discusses innovative educational approaches, curricula development, and the role of institutions in fostering a culture of sustainability. The role of technology and digital tools in enhancing sustainable practices is also highlighted, recognizing their potential to drive significant positive change.
