

1. Record Nr.	UNINA9910672441903321
Titolo	Sustainable Education and Development – Sustainable Industrialization and Innovation : Proceedings of the Applied Research Conference in Africa (ARCA), 2022 // edited by Clinton Aigbavboa, Joseph N. Mojekwu, Wellington Didibhuku Thwala, Lawrence Atepor, Emmanuel Adinyira, Gabriel Nani, Emmanuel Bamfo-Agyei
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-25998-X
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (1236 pages)
Disciplina	338.9 338.96
Soggetti	Construction industry - Management Architecture Environmental health Urban policy Buildings - Design and construction Construction Management Cities, Countries, Regions Environmental Health Urban Policy Building Construction and Design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Contributory Factors to Emerging Contractor's Non-Compliance with Project Quality Requirements -- Examining Awareness and Usage of Renewable Energy Technologies in Non-Electrified Farming Communities in The Eastern Region of Ghana -- Application of Situation Awareness Theory to The Development of an Assessment Framework For Indoor Environmental Quality in Classroom -- Causes of Poor Workmanship in Low-Cost Housing Construction in South Africa -- Assessment of Refuse Shute Practices in Medium-Rise Buildings Within The Greater Accra Region, Ghana -- A Review of Frameworks for

the Energy Performance Certification of Buildings and Lessons for Ghana -- The Use of Building Information Modelling by Small to Medium-Sized Enterprises: The Case of Central South Africa -- Effects of Property Rights For Low-Income Housing in South Africa -- Recyclability of Construction and Demolition Waste in Ghana: A Circular Economy Perspective -- Innovative Work Environment of an Informal Apparel Micro Enterprisewith PDCA Cycle: An Action-Oriented Case Study -- Production and Marketing Strategies by Youth Vegetable Farmers in Urban Settlements, Tanzania -- Conceptualising Technology Exchange as A Critical Gap for Higher Education and Industry Collaborations in Ghana -- Workplace Health and Safety Procedures and Compliance in The Technical and Vocational Institutions Workshop in Ghana -- The Effect of Magnetic Field on The Motion of Magnetic Nanoparticles in Nanofluid -- Ultrasound-Assisted Alkaline Treatment Effect on Antioxidant and Ace-Inhibitory Potential of Walnut for Sustainable Industrialization -- Achieving Sustainable Housing in Nigeria: A Rethink of The Strategies and Constraints -- Minimization of Transportation Cost For Decision Making on Covid-19 Vaccines Distribution Across Cities -- Promoting Sustainable Industrialization in Tanzanian Agro-Processing Sector: Key Drivers And Challenges -- Female Social Entrepreneurship in Male-Dominated Industries in Ghana and Agenda 2030.

Sommario/riassunto

This book presents papers from the 11th Sustainable Education and Development Research Conference on the theme: "Build Resilient Infrastructure, Promote Inclusive and Sustainable Industrialization, and Foster Innovation." Papers related to the sub-themes were presented: i. Develop quality, reliable, sustainable, and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all. ii. Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in the least developed countries. iii. Increase the access of small-scale industrial and other enterprises, in particular in developing countries, to financial services, including affordable credit, and their integration into value chains and markets. iv. By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities. v. Enhance scientific research and upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing productivity. SEDRC gathers papers that explain how key education on the Sustainable Development Goals is transforming lives, eradicating poverty, professing solutions to the infrastructural deficit in Africa, and providing innovative ways to provide affordable housing in Africa. This book will be of interest to academics, postgraduate students, and industry professionals.