

1. Record Nr.	UNINA9910857788603321
Autore	Ungureanu Viorel
Titolo	4th International Conference "Coordinating Engineering for Sustainability and Resilience" & Midterm Conference of CircularB "Implementation of Circular Economy in the Built Environment" // edited by Viorel Ungureanu, Luís Bragança, Charalambos Baniotopoulos, Khairedin M. Abdalla
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-57800-7
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (713 pages)
Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 489
Altri autori (Persone)	BragancaLuis BaniotopoulosCharalambos AbdallaKhairedin M
Disciplina	720.47 696
Soggetti	Sustainable architecture Sustainability Environmental economics Construction industry - Management Sustainable Architecture/Green Buildings Environmental Economics Construction Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Sommario/riassunto

This open access book gathers the proceedings of the 4th International Conference “Coordinating Engineering for Sustainability and Resilience” (CESARE) & Midterm Conference of CircularB “Implementation of Circular Economy in the Built Environment”, held in Timioara, Romania, on May 29-31, 2024, as part of the COST Action CA21103. The volume represents the state of the art of sustainability and resilience in modern and future built environment, constructions, and infrastructure, and includes topics such as structural materials and robustness, fire engineering, risk assessment, impact of climate change on the built environment, sustainable resilience of systems in the built environment, smart cities, circular economy, design strategies for product design, integration of renewable energy at building and small urban area scales, restoration & rehabilitation of historical buildings, sustainable infrastructures, wind energy structures, façade engineering, green buildings, and waste management.
