

1. Record Nr.	UNINA9910879581203321
Titolo	Proceedings of EcoComfort 2024 / / edited by Zinoviy Blikharskyy, Vasyl Zhelykh
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-67576-2
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (628 pages)
Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 604
Disciplina	624
Soggetti	Buildings - Design and construction Sustainability Renewable energy sources Building Construction and Design Renewable Energy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Testing and the Possibility of Using the A I Periodic Profile Reinforcement for Bridge Running Structures -- Refurbishment and Parametricism Case study Sokel Stone Plinth -- Technology of Stone Construction in the Romanesque Architecture of the 13th Century Using the Example of King Danylo Romanovychs Castle in Kholm Chem -- A Way of Regulating the Fluid Inflow into a Pressure Collector Pipeline under the Presence of the Input Flow -- Collisions of Strength Determination Modeling for Eccentrically Compressed Reinforced Concrete Constructions with Small Eccentricities by Normal Sections in Lira FEM Software -- The Impact of Loggia Renovation on the Daylighting in a Residential Building -- The Transformation of Technological Cracks into Operational ones -- Measures for Decarbonization of Heating System in Large Hall Buildings with Gas Radian Heaters -- Mechanochemical activated fly ash concrete suitable for 3D printing -- District Heating Systems as Critical Technologies for the Development of Low Carbon Energy in Ukraine.
Sommario/riassunto	This book gathers the latest innovations and applications in the field of resource-saving technologies and advanced materials in civil and environmental engineering, as presented by leading international

researchers and engineers at the 4th International Scientific Conference EcoComfort and Current Issues of Civil Engineering, held in Lviv, Ukraine, on September 11–13, 2024. It covers a diverse range of topics, including ecological and energy-saving technologies; renewable energy sources; heat, gas, and water supply; microclimate provision systems; innovative building materials and products; smart technologies in water purification and treatment; protection of water ecosystems; and architectural shaping and structural solutions. The book, which was selected using a rigorous international peer-review process, highlights exciting ideas that will spur novel research directions and foster multidisciplinary collaborations.
