

1. Record Nr.	UNINA9910983485203321
Autore	Radionov Andrey A
Titolo	Proceedings of the 8th International Conference on Construction, Architecture and Technosphere Safety : ICCATS 2024 // edited by Andrey A. Radionov, Dmitrii V. Ulrikh, Vadim R. Gasiyarov
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031804823 3031804821
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (732 pages)
Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 565
Altri autori (Persone)	UlrikhDmitrii V GasiyarovVadim R
Disciplina	690
Soggetti	Buildings - Design and construction Fire prevention Buildings - Protection Urban economics Building Construction and Design Fire Science, Hazard Control, Building Safety Urban Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Distribution of Shear Forces in Composite Timber Beams -- Durability of Lime Coatings with Polysaccharides Additives -- Modeling the Self-Healing Process of Concrete -- Art in the city space -- Effects of UV Exposure on Plastic Degradation in Water -- Concept of Forming Rehabilitation System for Mined-Out Areas of Mineral Deposits in the Ural Region.
Sommario/riassunto	This book highlights recent findings in civil and environmental engineering and urban planning, and provides an overview of the state of the art in these fields, mainly in Russia and Eastern Europe. A broad range of topics and issues in modern engineering are discussed, including construction, buildings and structures, advanced materials, innovative technology, methods and techniques in civil engineering, heating, gas supply, water supply and sewerage, foundation

engineering, BIM, structural reliability, durability and monitoring, special and unique structures construction (bridge, tunnel, road, railway engineering), design and construction of hydraulic structures, concrete engineering, urban regeneration and sustainable development, urban transport system, engineering structure safety and disaster prevention, water resources engineering, water and wastewater treatment, recycling and reuse of wastewater, etc. The volume gathers selected papers from the 8th International Conference on Construction, Architecture and Technosphere Safety (ICCATS), held in Sochi, Russia in September 2024. The authors are experts in various fields of engineering, and all papers have been carefully reviewed.
