

1. Record Nr.	UNINA9910366587203321
Titolo	CIGOS 2019, Innovation for Sustainable Infrastructure : Proceedings of the 5th International Conference on Geotechnics, Civil Engineering Works and Structures // edited by Cuong Ha-Minh, Dong Van Dao, Farid Benboudjema, Sybil Derrible, Dat Vu Khoa Huynh, Anh Minh Tang
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-0802-X
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (xli, 1,264 pages) : illustrations
Collana	Lecture Notes in Civil Engineering, , 2366-2557 ; ; 54
Disciplina	624.151
Soggetti	Engineering geology Engineering—Geology Foundations Hydraulics Sustainable development Regional planning City planning Building materials Buildings—Design and construction Building Construction Engineering, Architectural Transportation engineering Traffic engineering Geoengineering, Foundations, Hydraulics Sustainable Development Landscape/Regional and Urban Planning Structural Materials Building Construction and Design Transportation Technology and Traffic Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.

## Nota di contenuto

Four Decades of Computing in Civil Engineering -- Industrialized construction of medium span concrete bridges using movable false work -- Using Simulation to Estimate and Forecast Transportation Metrics: Lessons Learned -- eHighway - An Infrastructure for Sustainable Road Freight Transport -- Innovation Reduces Risk for Sustainable Infrastructure -- Applying a national BIM model to Vietnam's National Implementation of BIM: Lessons learned from the UK-Vietnam collaboration for the Industry.

---

## Sommario/riassunto

This book presents selected articles from the 5th International Conference on Geotechnics, Civil Engineering Works and Structures, held in Ha Noi, focusing on the theme "Innovation for Sustainable Infrastructure", aiming to not only raise awareness of the vital importance of sustainability in infrastructure development but to also highlight the essential roles of innovation and technology in planning and building sustainable infrastructure. It provides an international platform for researchers, practitioners, policymakers and entrepreneurs to present their recent advances and to exchange knowledge and experience on various topics related to the theme of "Innovation for Sustainable Infrastructure".

---