

1. 6th International Conference on Civil Engineering, ICOCE 2022

Accession number: 20223512669571

Source title: Lecture Notes in Civil Engineering

Abbreviated source title: Lect. Notes Civ. Eng.

Volume: 276 LNCE

Part number: 1 of 1

Issue title: Proceedings of the 6th International Conference on Civil Engineering, ICOCE 2022, - Innovations in Civil Engineering

Issue date: 2023

Publication year: 2023

Language: English

ISSN: 23662557

E-ISSN: 23662565

ISBN-13: 9789811939822

Document type: Conference proceeding (CP)

Conference name: 6th International Conference on Civil Engineering, ICOCE 2022

Conference date: March 27, 2022 - March 29, 2022

Conference location: Virtual, Online

Conference code: 281809

Publisher: Springer Science and Business Media Deutschland GmbH

Abstract: The proceedings contain 28 papers presented at a virtual meeting. The special focus in this conference is on Civil Engineering. The topics include: Application of High Density Electrical Method in Karst Area; green Building Construction Implementation Barriers in the Philippines a Hierarchical Model; wind-Induced Dynamic Response Analysis of the Frame Lightning Rod; Research on Green Renewal Strategy Based on LID Adaptation Toolkit Selection--The Example of the North Bay Section of Macau Inner Harbour Terminal Neighborhood; the Impact of Urbanisation on Catchment Discharge in Malaysia: A Case Study on Sungai Selangor Catchment; can an Environmentally Sustainable Construction be Affordable?; climate Change and Sustainable Campus Planning: A Review of Michigan Universities' Climate-Related Plans; synthesis of a Novel pH-Responsive Emulsifier Based on Dynamic Covalent Bond and Its Application in Reversible Oil-Based Drilling Fluids; removal of Aqueous Cu²⁺ by NaCl Modified 5A Zeolite; corroded Stirrups Effects on the Shear Behavior of Reinforced Concrete Slender Beams; Response Control on Seismic Retrofit of Low-Rise RC Frame Using Viscous Damper; Strength and Durability Properties Empty Fruit Bunch Ash (EFBA) as Partial Replacement of Cement; Experimental Study on the Performance of FRP Grid Reinforced ECC Composite Layer-Concrete Interface; dynamic Strain Estimations of Beam Ends in Steel Moment-Resisting Frames Using Acceleration Data; studies on the Relationship Between Anchor Force of Prestressed Anchor Cable and Nonlinear Vibration of Anchor Head; interrelationships of Load and Displacement of Barrette Piles for Various Interpretation Criteria Subjected to Uplift Loading; preface; linear Time Invariant Property of Modelling the Water Absorption Process within Cement-Based Materials.

Abstract type: (Edited Abstract)

Page count: 329

Database: Compendex

Data Provider: Engineering Village

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