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Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 431
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Nota di contenuto	Streamflow Assessment of Mountainous River Basin Using SWAT Model -- Slope Stability Analysis of Langdeibung Area along Imphal-jiribam National Highway(NH-37) Using Geoslope -- Numerical Investigation of Circular and Square Hollow Steel Section Subjected to Torsion -- Carbon Pool Detection Through GIS Techniques and Satellite Data in a Semi-urban Region -- A Comparative Study Between Confined Masonry and Reinforced Concrete Buildings Performances -- Influence of Normalization Techniques in CMIP Model Selection Using an MCDM Method MOORA -- Numerical Simulation on the Hydrodynamics of Sedimentation Tank When Longitudinal Inclined Plates are Employed -- Behaviour of High Strength Steel Circular Hollow Section Subjected to Torsion - A Finite Element Study -- Lulc Dynamics Study and Modeling of Urban Land Expansion Using CA-ANN -- Mapping of Suitable Areas for Mulberry Plantation Using Gis in Manipur -- Performance Appraisal of Ravi Shankar Sagar Project Using Comparative Indicators -- Sustainable Affordable Housing in Madhya Pradesh: Challenges & Opportunities -- Implementation of a Multiscale Method for Problems

in Linear Elasticity -- Evolution of Four Formulae Derived Over Five Decades to Predict Temporal Scour at Circular Pier -- Improvement in Geometric Design of SH-18: A Case Study.

Sommario/riassunto

This book presents select proceedings of the International Conference on Science, Technology and Engineering (ICSTE 2023) related to recent advances in Civil Engineering. The book provides a comprehensive collection of cutting-edge research that covers the areas of building construction and design, construction materials, construction management, remote sensing, geographical information systems, environmental engineering, etc. The book is useful for researchers and professionals in civil engineering.
