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Descrizione fisica	1 online resource (668 pages)
Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 364
Disciplina	069
Soggetti	Buildings - Design and construction Construction industry - Management Building materials Building Construction and Design Construction Management Building Materials
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	A Dam Break Analysis of Damanganga Dam using HEC-RAS 2D Hydrodynamic Modelling and Geospatial Techniques -- Enhancing the Optimum Water Requirement for The Crop Using the Contemporary Capillary Wick Irrigation Method a Case of an Experimental Demonstration -- A comparative assessment of Unsupervised and Supervised methodologies for LANDSAT 8 Satellite Image Classification -- Comparison Of Image Processing Techniques To Identify The Land Use /Land Cover Changes In The Indian Semi-Arid Region -- Application of Open-source Geospatial and modeling techniques for flood assessment and management- A case of flood 2017, Rel river catchment -- Evaluation of Movement of Wetting Front under Wick irrigation in black cotton Soil -- One Dimensional Steady Flow Analysis Using HEC-RAS – A Case of Sabarmati River, Gujarat, India -- Reliability–Resilience–Vulnerability Analysis of Droughts over Maharashtra -- Remote Sensing and GIS Application for Soil Erosion and Sediment Yield Estimation of Purna River sub basin.
Sommario/riassunto	This book presents select peer-reviewed proceedings of the International Conference on Innovation in Smart and Sustainable

Infrastructure (ISSI2022). The contents focus on smart infrastructure and cities, construction and infrastructure project management, application of building information modelling, sustainable materials and methods for road construction, smart technologies, applications and services for transportation systems, remote sensing and GIS for water resources management, climate change and prediction analysis, model simulation and analysis, seismic engineering and soil dynamics, innovation geo-materials and geosynthetics, computational geotechnics, emerging technologies in smart mobility and transport planning, among others. This volume will be useful for researchers and professionals in civil engineering and allied fields. .

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