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Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 353
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Soggetti	Transportation engineering Traffic engineering Environmental protection Civil engineering Environmental engineering Refuse and refuse disposal Transportation Technology and Traffic Engineering Soil and Water Protection Environmental Civil Engineering Disposal Technology and Management
Lingua di pubblicazione	Inglese
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Nota di contenuto	A Comprehensive Assessment of Simulation Tools for Analysing Seepage through Earthen Dams -- Nature Based Solutions as a Pragmatic Approach towards Flood Resilient Cities -- Analyzing the Rigidity of Water Flows in Small Himalayan Towns: An Analysis of Water Accessibility and Availability in Champawat Town, Uttarakhand, India -- Identification of flood inundated areas using HecRAS model: A case study of Upper Sabarmati River basin, Gujarat, India -- Socio-Economic Impact Assessment of Dam Break: A Case Study of Hulu Perak Dams in Malaysia -- Study of the Conjunctive Water Use: A Case Study of Kankai Irrigation System, Jhapa, Nepal -- Dam Break Flood Hazard Mapping And Vulnerability Analysis In Kulekhani Dam, Nepal -- Enhancing Blue-

Green Infrastructures for Flood and Water Stress Management: A Case Study of Chennai -- Issues and challenges of small-town water supply and distribution: a case study of Leh town in UT Ladakh -- Real-time Smart Water Management system (SWMS) for Smart Home.

Sommario/riassunto

This book comprises select proceedings of the International Conference on Trends and Recent Advances in Civil Engineering (TRACE 2022). The book focuses on the latest research works carried out in the area of water resources and transportation engineering. Various topics covered in this book include technological intervention and solution for smart and sustainability in water resources and transportation infrastructure, crop protection, resilience to disaster like flood, hurricane, and drought, traffic congestion, transport planning, green and intelligent transportation infrastructure, etc. The book is useful to researchers and practitioners working in the areas of civil engineering, water resources, and transportation engineering.
