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Soggetti	Buildings—Design and construction Engineering geology Sustainable architecture Building materials Construction industry—Management Transportation engineering Traffic engineering Building Construction and Design Geoengineering Sustainable Architecture/Green Buildings Building Materials Construction Management Transportation Technology and Traffic Engineering
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Nota di contenuto	Genetic Algorithm: An Innovative Technique for Optimizing a Construction Project -- Mechanical properties of fly ash and ferrochrome ash based geopolymer concrete using recycled aggregate -- Seismic Performance of Polynomial Friction Pendulum Isolator -- Individual and combined effect of Nano and Micro Silica on Cement based product -- Self Healing Conventional Concrete Using Bacteria -- Use of Autoclaved Fly-Ash Aggregates in Concrete Mixture -- Exploring the Acceptance of Life cycle cost for Residential Projects in India -- Genetic Algorithm For Resource Levelling Problem In Construction

Projects -- Different Strategies for Construction and Destruction ( C & D ) Waste Management- A Review.

Sommario/riassunto

This book comprises select peer-reviewed proceedings of the International Conference on Recent Developments in Sustainable Infrastructure (ICRDSI) 2019. The topics span over all major disciplines of civil engineering with regard to sustainable development of infrastructure and innovation in construction materials, especially concrete. The book covers numerical and analytical studies on various topics such as composite and sandwiched structures, green building, groundwater modeling, rainwater harvesting, soil dynamics, seismic resistance and control of structures, waste management, structural health monitoring, and geo-environmental engineering. This book will be useful for students, researchers and professionals working in sustainable technologies in civil engineering. .