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Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 72
Disciplina	624
Soggetti	Buildings - Design and construction Sustainable architecture Refuse and refuse disposal Renewable energy sources Construction industry - Management Building Construction and Design Sustainable Architecture/Green Buildings Waste Management/Waste Technology Renewable Energy Construction Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Pollution prevention techniques and technologies -- 2. Eco and green materials in construction -- 3. Sustainable buildings -- 4. Smart cities and villages -- 5. Sustainability in road construction -- 6. Sustainable transport infrastructure and management -- 7. Architectural interaction for sustainable built environment -- 8. Geological and rock engineering -- 9. Zero energy buildings -- 10. Water pollution – prevention and management -- 11. Carbon footprint management/CDM -- 12. Waste minimization & management -- 13. Sustainable infrastructure -- 14. Renewable energy infrastructure -- 15. Innovative materials and techniques for sustainable concrete construction.
Sommario/riassunto	This book comprises select proceedings of the International Conference on Sustainable Civil Engineering Practices (ICSCEP 2019). It covers

several important aspects of sustainable civil engineering practices dealing with effective waste and material management, natural resources, industrial products, energy, food, transportation and shelter, while conserving and protecting the environmental quality and the natural resource base essential for future development. The book also discusses engineering solutions to sustainable development and green design issues. Special emphasis is given on qualitative guidelines for generation, treatment, handling, transport, disposal and recycling of wastes. The book is intended as a practice-oriented reference guide for researchers and practitioners, and will be useful for all working in sustainable civil engineering related fields. .
