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Nota di contenuto	Intro -- Preface -- Acknowledgements -- Contents -- About the Editors -- Application of Steel Fiber in Soil Stabilization -- 1 Introduction -- 2 Material and Methodology Used -- 2.1 Experimental Materials -- 2.2 Methods of Testing -- 3 Results and Discussion -- 3.1 Tests on Natural Soil -- 3.2 Test on Soil Sample with Steel Fiber -- 4 Conclusions -- References -- Investigations on Mechanical Properties of Bio-Stabilized Soil -- 1 Introduction -- 2 Materials and Methodology -- 3 Experimental Studies -- 4 Results and Discussions -- 4.1 Variation in Bearing Ratio -- 4.2 Variation in Void Ratio Under Sustained Loading -- 4.3 Variation in Permeability Characteristics -- 5 Conclusions -- References -- Strength Behavior of Sand Reinforced with Treated Sisal Fibers -- 1 Introduction -- 2 Materials and Methods -- 2.1 Sand -- 2.2 Sisal Fibers -- 2.3 Model Footings and Model Tank -- 2.4 Methodology Used -- 3 Results and Discussion -- 3.1 SEM Studies on Treated Sisal Fibers -- 3.2 Preparation of Sand Bed -- 4 Effect of Sisal Fiber-Reinforced Sand -- 5 Conclusions -- References -- Unconfined Compressive Strength of MICP-Treated Black Cotton Soil -- 1 Introduction -- 2 Materials and Method -- 2.1 Soil -- 2.2 Microorganism -- 2.3 Cementation Solution -- 2.4 Methodology -- 3 Results and Discussion -- 4 Conclusions -- References -- Potential

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