

Bioengineering Case Studies



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Reviews

The most effective ebook i possibly go through. I am quite late in start reading this one, but better then never. Its been designed in an extremely basic way and it is just after i finished reading this ebook by which basically transformed me, modify the way i believe.

(Giovanny Rowe)

BIOENGINEERING CASE STUDIES



Book Condition: New. Publisher/Verlag: Springer, Berlin | Sustainable Stream Bank and Slope Stabilization | This book describes and evaluates 30 projects from across the United States where bio-stabilization was used to address a detrimental naturally occurring process or byproduct of the built environment. Each project is illustrated with distinctive photographs. | "Bio-Stabilization Case Studies: Treatment and Performance Evaluation" describes and evaluates 30 projects from across the United States where bio-stabilization was employed to address a detrimental naturally occurring process or byproduct of the built environment. Bio-stabilization (or soil bioengineering) refers to the use of plant materials, primarily live cuttings, arranged in the ground in different arrays to reinforce soils and protect upland slopes and/or stream banks against surficial erosion and shallow slope failures. Examples included in the collection represent different regions of the country and their specific conditions and challenges. Each project is illustrated with a number of distinctive photographs to support the reader's understanding and showcase the wide scope of projects and techniques presented. The volume is ideal for civil and environmental engineers and environmental scientists working on watershed, infrastructure projects, and municipal scale installations. | Introduction.- Project 1: Fleming Creek.- Project 2: Gateway Garden.- Project 3: School Girls Glen.- Project 4: River Landing.- Project 5: Nichols Drive.- Project 6: Harvard Road.- Project 7: Malletts Creek.- Project 8: Toboggan Hill.- Project 9: Argo Cascades.- Project 10: Asaayi Lake.- Project 11: Hollywood Hills.- Project 12: Geyserville.- Project 13: Buckhorn Mtn.- Project 14: Buckhorn Summit.- Project 15: Stafford.- Project 16: Pacifica.- Project 17: Branciforte Creek.- Project 18: San Vicente Creek.- Project 19: Opal Cliffs.- Project 20: Lower Sulpur Creek.- Project 21: Secret Canyon.- Project 22: Greenfield Road.- Project 23: Buffalo Bayou.- Project 24: Little_Topashaw.- Project 25: New Concord.- Project 26: Water Purification Facility and Park.- Project 27: Walden Pond.- Project 28:...



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