Earthlok Soil Stabilizer Soil Stabilizer

Offers the latest regulations that meet the minimum requirements for fire safety and prevention on commercial and residential buildings.
Everybody seems interested in innovation and entrepreneurship these days. Start-ups are generating new jobs, creating wealth and providing solutions to longstanding problems. People are also aware that old-line social institutions need innovative approaches that provide renewal, re-establish trust and cultivate sustainability. What do faith communities have to do with innovation and entrepreneurship? Faith communities have their own need for innovation, demonstrated in a growing interest in starting new churches, developing “fresh expressions” for gatherings of community and discussions about how to cultivate a renewed sense of mission. But do faith communities have anything unique to contribute to conversations about innovation and entrepreneurship, especially in “social entrepreneurship”? At first glance, the answer seems to be “no.” Burgeoning literature on social entrepreneurship barely mentions the church or other faith-based institutions — and when it does they’re often described as part of the broken institutional landscape. Recently much of the most innovative and entrepreneurial work in these sectors has been done apart from faith communities, whether through secular non-governmental organizations (e.g., Teach for America, Knowledge is Power Program schools) or for-profit businesses (e.g., hospitals and hospices). Indeed, it is now often assumed that faith and faith communities either are irrelevant to social innovation and entrepreneurship or are a significant obstacle. We believe too many people in faith communities, and faith-based organizations themselves, turned inward. They became preoccupied with managing what already existed rather than focusing on innovative renewal of their organizations and entrepreneurial approaches to starting new ones. However, Christian social innovation, at its best, depends on a conception of hope different than the optimism that often characterizes secular endeavors, a hope that acknowledges personal and social brokenness. Further, faith communities, at their best, have embodied perseverance, often bringing people together across generations and diverse sectors to imagine how common effort and faith might overcome obstacles. Although some faith communities have lost the “at-their-best” focus, new conversations and experiments are emerging beyond the goal of starting new congregations. But they tend to be “and” conversations: faith and innovation, faith and entrepreneurship, faith and leadership. We don’t think this goes deep enough. Faith might truly “animate” social innovation and entrepreneurship. In this perspective, faith is not held at a distance from the activities of life but is instead its vital force, providing the imagination, passion and commitment that lead to transformation.
Published by the Plastics Pipe Institute (PPI), the Handbook describes how polyethylene piping systems continue to provide utilities with a cost-effective solution to rehabilitate the underground infrastructure. The book will assist in designing and installing PE piping systems that can protect utilities and other end users from corrosion, earthquake damage and water loss due to leaky and corroded pipes and joints.
Supplemental EIS and Project EIR for Prado Basin and Vicinity, Including Stabilization of the Bluff Toe at Norco BluffsDraft Environmental Impact Statement/environmental Impact Report (State Clearinghouse No. 97071087)Manufactured Home Installation Training ManualSanta Ana River Main Stem and Santiago CreekEnvironmental Impact StatementNorco Bluffs, Riverside County, CaliforniaCommunication from the Acting Assistant Secretary (Civil Works), the Department of the Army, Transmitting a Report on the Project for River Bank Erosion Control and Bluff Stabilization at Norco Bluffs, Riverside County, California, Pursuant to Section 101(b)(4) of the Water Resources Development Act of 1996Sustainable Slope Stabilisation using Recycled Plastic PinsCRC Press
ELIMINATE CONSTRUCTION MISTAKES AND MINIMIZE YOUR EXPOSURE TO EXPENSE AND LITIGATION WITH DEFECT-FREE BUILDINGS Nothing packs a more costly punch and ruins a project faster than a construction defect dispute. And nothing stops a project dead in its tracks faster than conflicts between builders and owners. But with McGraw-Hill's Defect-Free Buildings, you can rid your projects of these debilitating conflicts and protect your business against the costs, delays, and litigation they create. Packed with easy-to-understand guidelines, protocols, and checklists, this indispensable volume helps you: Determine proper construction methods and costs during planning and bidding Avoid defects in the building stages and enhance quality control Obtain the proper insurance and satisfy underwriting requirements Reduce or eliminate the threat and cost of litigation KEEP THE PEACE To help you minimize cost and lost time when disputes become unavoidable, Defect-Free Buildings also delivers a wide range of powerful conflict-resolution techniques. You'll learn how to: Get the right contract in place Develop forms and documents that minimize or eliminate disputes and delays in payment Document construction conditions to avoid potential conflicts and owner claims Resolve conflicts effectively And more! Written by a construction attorney with more than 25 years' experience as an arbitrator and mediator, Defect-Free Buildings is the money-saving resource you'll want within reach on every construction job.
This work introduces the important emerging space powers of the world. Brian Harvey describes the origins of the Japanese space program, from rocket designs based on WW II German U-boats to tiny solid fuel 'pencil' rockets, which led to the launch of the first Japanese satellite in 1970. The next two chapters relate how Japan expanded its space program, developing small satellites into astronomical observatories and sending missions to the Moon, Mars, comet Halley, and asteroids. Chapter 4 describes how India's Vikram Sarabhai developed a sounding rocket program in the 1960s. The following chapter describes the expansion of the Indian space program. Chapter 6 relates how the Indian space program is looking ahead to the success of the moon probe Chandrayan, due to launch in 2008, and its first manned launching in 2014. Chapters 7, 8, and 9 demonstrate how, in Iran, communications and remote sensing drive space technology. Chapter 10 outlines Brazil's road to space, begun in the mid-1960's with the launch of the Sonda sounding rockets. The following two chapters describe Brazil's satellites and space launch systems and plans for the future. Chapters 13 and 14 study Israel's space industry. The next chapters look at the burgeoning space programs of North and South Korea. The book ends by contrasting and comparing all the space programs and speculating how they may evolve in the future. An appendix lists all launches and launch attempts to date of the emerging space powers.
This volume gathers the latest advances, innovations, and applications in the field of accelerated pavement testing (APT), presented at the 6th International Conference on Accelerated Pavement Testing, in Nantes, France, in April 2022. Discussing APT, which involves rapid testing of full-scale pavement constructions for structural deterioration, the book covers topics such as APT facilities, APT of asphalt concrete and sustainable/innovative materials, APT for airfield pavements, testing of maintenance and rehabilitation solutions, testing of smart and multi-functional pavements, data analysis and modeling, monitoring and non-destructive testing, and efficient means of calibrating/developing pavement design methods. Featuring peer-reviewed contributions by leading international researchers and engineers, the book is a timely and highly relevant resource for materials scientists and engineers interested in determining the performance of pavement structures during their service life (10+ years) in a few weeks or months.
This book tells the story of the Soviet and Russian lunar programme, from its origins to the present-day federal Russian space programme. Brian Harvey describes the techniques devised by the USSR for lunar landing, from the LK lunar module to the LOK lunar orbiter and versions tested in Earth’s orbit. He asks whether these systems would have worked and examines how well they were tested. He concludes that political mismanagement rather than technology prevented the Soviet Union from landing cosmonauts on the moon. The book is well timed for the return to the moon by the United States and the first missions there by

China and India.

The Director of Facilities Planning Passbook(R) prepares you for your test by allowing you to take practice exams in the subjects you need to study. It provides hundreds of questions and answers in the areas that will likely be covered on your upcoming exam, including but not limited to: principles and practices of building construction; building construction materials and standards, and their application; coordination of multiple contract projects; mechanical and electrical systems in buildings; preparing written material; and more.

Landslides and slope failure are common in the US and rest of the world. The landslides cause significant damage to infrastructure and millions of dollars are required each year to fix the slope. A sustainable and costeffective option to stabilise the slope can have significant benefits, as it will reduce the cost of maintenance and when using recycled pins, it may help the environment at the same time. The recycled plastic pin is made from recycled plastic bottles and other plastic waste. Several demonstration projects already proved the effectiveness of RPP as an alternative option to fix slope failure, with a maximum failure depth of 7-8 ft. In this book, every detail of the slope stabilisation technique using recycled plastic pins, including the design techniques and several case studies, are included. This will help to explain the basics of this important technique and will be used as reference to design the slope stabilisation scheme using recycled plastic pins.

Explore the darker side of nature with this accessible guide to choosing, growing, and caring for carnivorous and predatory plants like Venus flytraps, pitcher plants, sundews, and other spooky guys. Carnivorous plants: they're weird, they're gorgeous, and they're the perfect addition to your urban jungle of pothos, snake plants, and succulents. However, they can also be intimidating to grow and care for. Let Killer Plants be your guide as it walks you through the different types of carnivorous plants and how to keep each variety alive and well. The book answers the many questions you may have surrounding these freaks of nature, such as: Where the heck do I buy a pitcher plant? Can I grow it from a seed? Do I need to feed my carnivorous plant flies, or can it survive on water and light alone? What carnivorous plants are safe to have around pets and kids? I have a gnat problem -- what predatory plant can help?

This volume includes a collection of technical papers covering two important research topics in geotechnical engineering: (1) the behavior and treatment of expansive soils, and (2) the characterization of rock properties. The twelve studies on expansive soils include investigations into novel stabilization techniques for expansive soils using different admixtures or mechanical consolidation techniques, as well as new experimental approaches to evaluate the behavior of expansive soils. They also include an evaluation of wetting boundary conditions on the volume change of expansive soils, as well as the role of hydrologic boundary conditions in arid climates. The four studies on rock properties include thermo-hydro-mechanical behavior of gypsum rock, role of rock strength in blastability, indirect methods to estimate rock strength, and variations in isotope distributions in Permian rocks. The two broad themes in this collection, as summarized above, are representative of local challenges facing geotechnical engineers in the Middle East, but their contributions can also be extended to other regions of the world. This volume is part of the proceedings of the 1st GeoMEast International Congress and Exhibition on Sustainable Civil Infrastructures, Egypt 2017.

Over three billion metric tons of cement are produced annually worldwide, making concrete the most extensively used construction material. Self-sensing, or smart, cement allows real-time monitoring of performance through the entire service life of a concrete structure, for the detection of changing stresses, contamination, excessive temperature, gas leaks and pre-seismic activity. This is achieved by adding a very small proportion of conductive or semi-conductive fibers, such as carbon fibers to the bulk cement, making it piezoresistive, and enabling changes in the concrete’s electrical resistivity in response to shear stress and strain to be monitored. This state-of-the-art reference work presents experimental results with a realistic theoretical framework, for cement manufactures, concrete technologists and contractors as well as researchers.

GSP 115 contains 14 papers presented at sessions of the Shallow Foundation and Soil Properties Committee of the Geo-Institute at the ASCE 2001 Civil Engineering Conference, held in Houston, Texas, October 10-13, 2001.

When finding another location, redesigning a structure, or removing troublesome ground at a project site are not practical options, prevailing ground conditions must be addressed. Improving the ground—modifying its existing physical properties to enable effective, economic, and safe construction—to achieve appropriate engineering performance is an increasingly successful approach. This third edition of Ground Improvement provides a comprehensive overview of the major ground improvement techniques in use worldwide today. Written by recognized experts who bring a wealth of knowledge and experience to bear on their contributions, the chapters are fully updated with recent developments including advancements in equipment and methods since the last edition. The text provides an overview of the processes and the key geotechnical and design considerations as well as equipment needed for successful execution. The methods described are well illustrated with relevant case histories and include the following approaches: Densification using deep vibro techniques or dynamic compaction Consolidation employing deep fabricated drains and associated methods Injection techniques, such as permeation and jet grouting, soil fracture grouting, and compaction grouting New in-situ soil mixing processes, including trench-mixing TRD and panel-mixing CSM approaches The introductory chapter touches on the historical development, health and safety, greenhouse gas emissions, and two less common techniques: blasting and the only reversible process, ground freezing. This practical and established guide provides readers with a solid basis for understanding and further study of the most widely used processes for ground improvement. It is particularly relevant for civil and geotechnical engineers as well as contractors involved in piling and ground engineering of any kind. It would also be useful for advanced graduate and postgraduate civil engineering and geotechnical students.

NOTE: NO FURTHER DISCOUNT FOR THIS PRINT PRODUCT--OVERSTOCK SALE --Significantly reduced list price while supplies last The Erosion and Sedimentation Manual provides a comprehensive coverage of subjects in nine chapters (i.e., introduction, erosion and reservoir sedimentation, noncohesive sediment transport, cohesive sediment transport, sediment modeling for rivers and reservoirs, sustainable development and use of reservoirs, river process and restoration, dam decommissioning and sediment management, and reservoir surveys and data analysis). Each chapter is self-contained, with cross references of subjects that are discussed in different chapters of this manual. The manual also includes a list of commonly used notations used in the erosion and sedimentation literature, conversion factors between the Imperial and metric units, physical properties of water, and author and subject indexes for easy reference. Each chapter has a list of reference for readers who would like to seek out more detailed information on specific subjects. Audience The manual would be useful for researchers, university professors, graduate students, geologists, hydrographic survey analysts, municipal and state water research specialists, and engineers in solving erosion and sedimentation problems. Related products: Earth Science resources collection can be found here: https://bookstore.gpo.gov/catalog/science-technology/earth-science

In recent years, the Dallas Museum of Art has expanded its collection of South Asian art from a small number of Indian temple sculptures to nearly 500 works, including Indian Hindu and Buddhist sculptures, Himalayan Buddhist bronze sculptures and ritual objects, artwork from Southeast Asia, and decorative arts from India's Mughal period. Artworks in the collection have origins from the former Ottoman empire to Java, and architectural pieces suggest the grandeur of buildings in the Indian tradition. This volume

details the cultural and artistic significance of more than 140 featured works, which range from Tibetan thangkas and Indian miniature paintings to stone sculptures and bronzes. Relating these works to one another through interconnecting narratives and cross-references, scholars and curators provide a broad cultural history of the region.

“Anyone purchasing a greenhouse should read this book first.” —Home Greenhouse Magazine Do you want homegrown tomatoes in the dead of winter? Or to grow succulents and cacti in the coldest parts of the world? All you need is a greenhouse. In The Greenhouse Gardener's Manual, Roger Marshall shares the secrets of successfully growing vegetables, fruits, flowers, and houseplants in a well-maintained greenhouse. You’ll learn how to choose the right design, create a healthy environment, use the space for propagation, and maintain the greenhouse year-round. Marshall also includes a plant directory of the 70 best fruits and vegetables and the 88 best ornamental plants for growing in a greenhouse.

Presents a systematic and comprehensive presentation of temporary excavation shoring and earth retention systems used to construct permanent facilities inside them. These systems are used to construct underground pipelines, tunnels, tank and storage facilities, foundations and structures. Each chapter presents a shoring system type description, how it is constructed, equipment requirements, cost analysis, etc. Safety, inspection and testing codes and methods included throughout.

Fairy gardens are enjoying an astonishing surge in popularity and now you can begin making your own enchanting miniature landscapes, complete with pint-sized accessories, diminutive plants, and quaint fairy figures. Gardeners Julie Bawden-Davis and Beverly Turner provide you with step-by-step instructions for creating a magical garden that will attract Thumbelina herself! Learn how to design, plant, accessorize, and care for your very own small corner of the world by following seven simple steps, including choosing the perfect container, planting luxurious pint-sized plants, decorating with properly scaled accessories, and telling a story through the delicate fairies you choose to inhabit your magical wonderland. Included are full-color photographs showcasing various types of fairy gardens and accessories, which are sure to inspire the designer in you! And best of all, these perennial gardens are perfect for the busy gardener, as they require less than ten minutes per week to maintain—this could be your new favorite hobby! For the inner child in us all, Fairy Gardening is sure to enchant both the novice and the experienced gardener who wishes to stir up Lilliputian flights of fancy.

During the past decade, racial/ethnic minority women have made significant strides in U.S. politics, comprising large portions of their respective minority delegations both in Congress and in state legislatures. This trend has been particularly evident in the growing political presence of Latinas, yet scholars have offered no clear explanations for this electoral phenomenon—until now. In The Latina Advantage, Christina E. Bejarano draws on national public opinion datasets and a close examination of state legislative candidates in Texas and California to demonstrate the new power of the political intersection between race and gender. Underscoring the fact that racial/ethnic minority women form a greater share of minority representatives than do white women among white elected officials, Bejarano provides empirical evidence to substantiate previous theoretical predictions of the strategic advantage in the intersectionality of gender and ethnicity in Latinas. Her evidence indicates that two factors provide the basis for the advantage: increasingly qualified candidates and the softening of perceived racial threat, leading minority female candidates to encounter fewer disadvantages than their male counterparts. Overturning the findings of classic literature that reinforce stereotypes and describe minority female political candidates as being at a compounded electoral disadvantage, Bejarano brings a crucial new perspective to dialogues about the rapidly shifting face of America’s electorate.

Trauma Model Therapy is a treatment manual for therapists and professionals but it can also be read by survivors and their family members. The book contains practical, hands-on techniques and strategies for therapy, and many vignettes of therapy sessions that illustrate the principles of the therapy. It is also suitable for a wide range of mental health problems and addictions. It is especially useful for the client with many different symptoms and diagnoses, and a history of severe psychological trauma.

The Ease of Tea is an entry-level guide to understanding this amazing leaf. Brenda shares her working knowledge and experiences in the tea industry to enlighten the new tea drinker as well as those who have loved tea their whole lives. The study of tea is vast, it equates to other culinary experiences such as wine, chocolate, and cheese. This book will touch on the many benefits of this wonderful beverage and how easy it is to steep and enjoy a perfect cup of tea every day! You will learn: About the introduction of tea and its impact today, the different types of teas & herbs, where tea is grown and how it is processed, some of the most popular teas and herbal blends, how to make a delicious cup of tea every day, easy ideas for your next tea party and the healthy benefits of tea.