

Concrete Retaining Walls Ccaa

This volume addresses the multi-disciplinary topic of engineering geology and the environment, one of the fastest growing, most relevant and applied fields of research and study within the geosciences. It covers the fundamentals of geology and engineering where the two fields overlap and, in addition, highlights specialized topics that address principles, concepts and paradigms of the discipline, including operational terms, materials, tools, techniques and methods as well as processes, procedures and implications. A number of well known and respected international experts contributed to this authoritative volume, thereby ensuring proper geographic representation, professional credibility and reliability. This superb volume provides a dependable and ready source of information on approximately 300 topical entries relevant to all aspects of engineering geology. Extensive illustrations, figures, images, tables and detailed bibliographic citations ensure that the comprehensively defined contributions are broadly and clearly explained. The Encyclopedia of Engineering Geology provides a ready source of reference for several fields of study and practice including civil engineers, geologists, physical geographers, architects, hazards specialists, hydrologists, geotechnicians, geophysicists, geomorphologists, planners, resource explorers, and many others. As a key library reference, this book is an essential technical source for undergraduate and graduate students in their research. Teachers/professors can rely on it as the final authority and the first source of reference on engineering geology related studies as it provides an exceptional resource to train and educate the next generation of practitioners.

A commanding survey of the world economy from 1950 to the present, from the author of the acclaimed *The Boom and the Bubble*.

The book covers the topic of geopolymers, in particular it highlights the relationship between structural differences as a result of variations during the geopolymer synthesis and its physical and chemical properties. In particular, the book describes the optimization of the thermal properties of geopolymers by adding micro-structural modifiers such as fibres and/or fillers into the geopolymer matrix. The range of fibres and fillers used in geopolymers, their impact on the microstructure and thermal properties is described in great detail. The book content will appeal to researchers, scientists, or engineers who are interested in geopolymer science and technology and its industrial applications.

Recent Advances on Green Concrete for Structural Purposes

Guidance on Building in Flood Prone Areas

Climate Change and Gender Justice

A Brief Narrative of the Historical and Geographic Attributes of the Uyghur Identity

Recycled materials. Part 4E

Handbook of AI-based Metaheuristics

At the Heart of Katmai

Precast Concrete Handbook

This text presents the theoretical and practical aspects of analysis and design, complemented by numerous design examples. One of the main tasks of the Institute for Teacher Training and Educational Research and Innovation (IFIIE), is, since decades, the periodic preparation of reports describing the Spanish education system in a detailed and up-to-date way. This report constitutes a brief version of the one recently carried out by the IFIIE: *The Spanish Education System 2009*. Its methodology of work has been structured into three stages: 1) search, analysis, choice and classification of both state and regional regulations as well as official statistics, 2) juxtaposition of the information obtained, presented in tables and figures, and 3) comparison in order to understand and identify trends and convergences and divergences in state and regional education. As a result, two volumes with complex, thorough and detailed information on the education system and its different aspects are provided. This brief version consists of 14.

Handbook on climate information for farming communities - What farmers need and what is available

Ecology and Conservation

Design Guide for Tilt-up Concrete Panels

Industrial Floors and Pavements

In Accordance with AS3600

Shotcreting in Australia

The Bulletin

The content of this guide is twofold: to describe the most important weather and agroclimatic products that are available by the National Meteorological Service (NMS) and to identify the most important needs of farmers concerning climate information. Special consideration will be given to the local knowledge used by rural farmers, too often neglected, but a key factor to their ability to cope with climate variability and change. An additional objective of this guide is to improve communication among the NMS staff, in particular, meteorologists and agrometeorologists and to encourage Agro-Pastoral Field School (APFS) trainers and facilitators to be more aware of their respective availability. Furthermore, one of the most important aims is the exchange of agroclimatic information that corresponds to the needs of all concerned,

thus facilitating the assessment of the existing climatic risks in farming activities. The integration of the Response Farming in Rainfed Agriculture (RF) approach into Farmer Field School (FFS) is feasibly an effective way to reconcile NMS products with the needs of farmers. RF is a method used for identifying and quantifying rainfall variability at a local level to assess the climatic risks of farming communities. The Climate-Responsive Farming Management (CRFM) approach is an enhanced version of RF that uses modern and digital technologies, such as specific computer software, automatic weather stations, real-time telecommunication and smartphone applications. This approach can be implemented at a minimum cost at the farming level. The integration of the Response Farming in Rainfed Agriculture (RF) approach into FFS is feasibly an effective way to reconcile NMS products with the needs of farmers. RF is a method used for identifying and quantifying rainfall variability at a local level to assess the climatic risks of farming communities. The Climate-Responsive Farming Management (CRFM) approach is an enhanced version of RF that uses modern and digital technologies, such as specific computer software, automatic weather stations, real-time telecommunication and smartphone applications. This approach can be implemented at a minimum cost at the farming level.

“The fourth sector” is a relatively new sector that consists of for-benefit organizations that combine market-based approaches of the private sector with the social and environmental aims of the public and non-profit sectors. This book examines trends of entrepreneurship in the fourth sector, describes specific ecosystems fostering new ventures around the world, and characterizes the most common and innovative business models. It covers as well the main effects, among others, of technological change, innovation, and institutional behavior on the sector in the last years. This paper is a slightly modified excerpt from chapters one and two of my PhD thesis: The Historical Uyghur Identity and its Attributes from Kocho Civilization and East-Syriac Christianity, submitted on July 31, 2018 in the English version. Through a historical anthropology approach coupled with religious studies, engaging carefully in textual analysis of the original historical records, the thesis uses the five-dimensional attributes system of geography, history, ethnicity, religion and civilization for constructing an identity to explore the historical evolution of the Uyghur ethnic identity, with the hope of offering to the Uyghurs who live in Xinjiang, China an alternative narrative of their identity.

Reducing Vulnerability of Buildings to Flood Damage

Entrepreneurship in the Fourth Sector

Guide to Pavement Technology

Reinforced and Prestressed Concrete

Advances in Structural Engineering

Geology, Production and Applications

This book provides design aids in the form of graphs, charts and tables to assist in the design of concrete structures in accordance with AS 3600-2001. The aids provide solutions to the equations in the Standard when the appropriate variables are entered. The aids are each accompanied by a brief explanation of the structural principles involved and, where appropriate, the derivation of the form in which the aid is presented.

The book presents research papers presented by academicians, researchers, and practicing structural engineers from India and abroad in the recently held Structural Engineering Convention (SEC) 2014 at Indian Institute of Technology Delhi during 22 – 24 December 2014. The book is divided into three volumes and encompasses multidisciplinary areas within structural engineering, such as earthquake engineering and structural dynamics, structural mechanics, finite element methods, structural vibration control, advanced cementitious and composite materials, bridge engineering, and soil-structure interaction. Advances in Structural Engineering is a useful reference material for structural engineering fraternity including undergraduate and postgraduate students, academicians, researchers and practicing engineers. Handbook of Low Carbon Concrete brings together the latest breakthroughs in the design, production, and application of low carbon concrete. In this handbook, the editors and contributors have paid extra attention to the emissions generated by coarse aggregates, emissions due to fine aggregates, and emissions due to cement, fly ash, GGBFS, and admixtures. In addition, the book provides expert coverage on emissions due to concrete batching, transport and placement, and emissions generated by typical commercially produced concretes. Includes the tools and methods for reducing the emissions of greenhouse gases Explores technologies, such as carbon capture, storage, and substitute cements Provides essential data that helps determine the unique factors involved in designing large, new green cement plants

Guidelines for Design, Construction and Specification

Concrete Industrial Floor and Pavement Design

The Concrete Panel Homes Handbook

The Advanced Capitalist Economies from Long Boom to Long Downturn, 1945-2005

The Economics of Global Turbulence

Materials, Volume Three

ACI 347R-14, Guide to Formwork for Concrete

This book is composed by the papers accepted for presentation and discussion at The 2019 International Conference on Information Technology & Systems (ICITS'20), held at the Universidad Distrital Francisco José de Caldas, in Bogotá, Colombia, on 5th to 7th February 2020. ICIST is a global forum for researchers and practitioners to present and discuss recent findings and innovations, current trends, professional experiences and challenges of modern information technology and systems research, together with their technological development and applications. The main topics covered are: information and knowledge management; organizational models and information systems; software and systems modelling; software systems, architectures, applications and tools; multimedia systems and applications; computer networks, mobility and pervasive systems; intelligent and decision support systems; big data analytics and applications; human-computer interaction; ethics, computers & security; health informatics; information technologies in education.

At the heart of the optimization domain are mathematical modeling of the problem and the solution methodologies. The problems are becoming larger and with growing complexity. Such problems are becoming cumbersome when handled by traditional optimization methods. This has motivated researchers to resort to artificial intelligence (AI)-based, nature-inspired solution methodologies or algorithms. The Handbook of AI-based Metaheuristics provides a wide-ranging reference to the theoretical and

mathematical formulations of metaheuristics, including bio-inspired, swarm-based, socio-cultural, and physics-based methods or algorithms; their testing and validation, along with detailed illustrative solutions and applications; and newly devised metaheuristic algorithms. This will be a valuable reference for researchers in industry and academia, as well as for all Master's and PhD students working in the metaheuristics and applications domains.

Reveals the vital components of landscape design, offering advice on choosing a site, selecting plants, creating garden accessories, and maintaining a landscape.

Structural Precast Concrete Handbook

Open Development

Structural Design Actions

Wind actions

Construction Materials

Snakes

Information Technology and Systems

This book considers how gender issues are entwined with people's vulnerability to the effects of climate change. Vivid case studies show how women and men in developing countries are experiencing climate change and describe their efforts to adapt their ways of making a living to ensure survival, often against extraordinary odds.

Construction Materials is a comprehensive textbook covering all raw materials and products related to the construction processes, and not only those applied to building structures. The book is organized to help readers achieve competent knowledge about construction materials. At the beginning of the book the author offers the general concepts, definitions, and standards adopted worldwide for these materials to be used along the book. The central part of the text covers the primary construction materials required to manufacture concrete and mortars, the most relevant construction materials in the last century. Expressly, concrete and mortar are treated in detail in dedicated chapters per component. In addition, the author addresses other relevant materials in construction such as ceramic materials, metals and alloys, bituminous materials, and geosynthetic materials. Finally, since the construction industry is one of the largest single waste producing sector in the world, the last chapter outlines the main types and characteristics of construction and demolition waste (e.g. recycled aggregates). The book appeals to students but also professionals interested in construction materials and construction and civil engineering.

"Standard sets out procedures for determining wind speeds and resulting wind actions to be used in the structural design of structures subjected to wind actions other than those caused by tornadoes. To be read in conjunction with AS/NZS 1170.0." - Standards NZ website.

Draft Environmental Impact Report

Spanish education system 2009

Proceedings of the Annual North Eastern Regional Antipollution Conference ... at the University of Rhode Island

Small Business Survival Book

Reinforced Concrete Design Handbook

Taylor's Master Guide to Landscaping

Traffic and Congestion in the Roman Empire

First Published in 2007. Routledge is an imprint of Taylor & Francis, an informa company.

"This guide aims to provide owners, consultants and contractors with sufficient information to understand what causes salt attack and rising damp (and also falling and penetrating damp) and to diagnose and identify appropriate repairs for cases commonly seen in Australia. While emphasis is given to buildings of heritage value, the principles apply to all older buildings."--Introduction.

Destruction of habitat due to urban sprawl, pollution, and deforestation has caused population declines or even extinction of many of the world's approximately 2,600 snake species. Furthermore, misconceptions about snakes have made them among the most persecuted of all animals, despite the fact that less than a quarter of all species are venomous and most species are beneficial because they control rodent pests. It has become increasingly urgent, therefore, to develop viable conservation strategies for snakes and to investigate their importance as monitors of ecosystem health and indicators of habitat sustainability. In the first book on snakes written with a focus on conservation, editors Stephen J. Mullin and Richard A. Seigel bring together leading herpetologists to review and synthesize the ecology, conservation, and management of snakes worldwide. These experts report on advances in current research and summarize the primary literature, presenting the most important concepts and techniques in snake ecology and conservation. The common thread of conservation unites the twelve chapters, each of which addresses a major subdiscipline within snake ecology. Applied topics such as methods and modeling and strategies such as captive rearing and translocation are also covered. Each chapter provides an essential framework and indicates specific directions for future research, making this a critical reference for anyone interested in vertebrate conservation generally or for anyone implementing conservation and management policies concerning snake populations.

Encyclopedia of Engineering Geology

The contribution of the EU-FP7 Project EnCoRe

Chinatown YMCA Renovation and Building Addition Project

Proceedings of ICITS 2020

12 Surefire Ways for Your Business to Survive and Thrive

A Guide to Salt Damp in Historic and Older Buildings

Role of Fibres and Fillers to Enhance Thermal Properties

This book is mainly based on the results of the EU-funded UE-FP7 Project EnCoRe, which aimed to characterize the key physical and mechanical properties of a novel class of advanced cement-based materials incorporating recycled powders and aggregates and/or natural ingredients in order to allow partial or even total replacement of conventional constituents. More specifically, the project objectives were to predict the physical and mechanical performance of concrete with recycled aggregates; to understand the potential contribution of recycled fibers as a dispersed reinforcement in concrete matrices; and to demonstrate the feasibility and possible applications of natural fibers as a reinforcement in cementitious composites. All of these aspects are fully covered in the book. The opening chapters explain the material concept and design and discuss the experimental characterization of the physical, chemical, and mechanical properties of the recycled raw constituents, as well as of the cementitious composite incorporating them. The numerical models with potentialities for describing the behavior at material and structural level of constructions systems made by these composites are

presented. Finally, engineering applications and guidelines for production and design are proposed.

Owning a small business can be a fulfilling and financially rewarding experience, but to be successful, you must know what to do before starting a business; what to do while the business is up and running; and, most importantly, what to do when the business runs into trouble. With a combined fifty years of small business experience between them, authors Barbara Weltman and Jerry Silberman know what it takes to make it in this competitive environment, and in *Small Business Survival Book*, they show you how. In a clear and concise voice, Weltman and Silberman reveal twelve surefire ways to help your small business survive and thrive in today's market. With this book as your guide, you'll discover how to: * Delegate effectively * Monitor cash flow * Extend credit and stay on top of collections * Build and maintain credit and restructure your debt * Meet your tax obligations * Grow your business with successful marketing strategies * Use legal protections * Plan for catastrophe and disaster recovery Whether you're considering starting a new business or looking to improve your current venture, *Small Business Survival Book* has what you need to succeed.

Experts explore current theory and practice in the application of digitally enabled open networked social models to international development. The emergence of open networked models made possible by digital technology has the potential to transform international development. Open network structures allow people to come together to share information, organize, and collaborate. Open development harnesses this power, to create new organizational forms and improve people's lives; it is not only an agenda for research and practice but also a statement about how to approach international development. In this volume, experts explore a variety of applications of openness, addressing challenges as well as opportunities. Open development requires new theoretical tools that focus on real world problems, consider a variety of solutions, and recognize the complexity of local contexts. After exploring the new theoretical terrain, the book describes a range of cases in which open models address such specific development issues as biotechnology research, improving education, and access to scholarly publications. Contributors then examine tensions between open models and existing structures, including struggles over privacy, intellectual property, and implementation. Finally, contributors offer broader conceptual perspectives, considering processes of social construction, knowledge management, and the role of individual intent in the development and outcomes of social models. Contributors Carla Bonina, Ineke Buskens, Leslie Chan, Abdallah Daar, Jeremy de Beer, Mark Graham, Eve Gray, Anita Gurumurthy, Havard Haarstad, Blane Harvey, Myra Khan, Melissa Loudon, Aaron K. Martin, Hassan Masum, Chidi Oguamanam, Katherine M. A. Reilly, Ulrike Rivett, Karl Schroeder, Parminder Jeet Singh, Matthew L. Smith, Marshall S. Smith Copublished with the International Development Research Centre of Canada (IDRC)

Entrepreneurial Ecosystems and Sustainable Business Models

And Its Substantial Difference from the Turkic Identity and the Turkish Identity

Slab Edge Dampness

Salt Attack and Rising Damp

Concrete Design Handbook

Guide to Residential Floors

Fire-Resistant Geopolymers

This book "is neither a standard nor a textbook, but rather a reference document recommending good practice in precast construction to designers, engineers, architects, builders and students. It provides guidance for those involved in the design, specification, manufacture and installation of precast concrete." -- page iii.

An Administrative History of the Brooks River Area with Special Emphasis on Bear Management in Katmai National Park and Preserve 1912-2006

Precast Concrete Handbook

Networked Innovations in International Development

A Guide to the Design and Detailing of Concrete Panel Construction for Housing

Recommended Practice

Handbook of Low Carbon Concrete