

Baixar Livros De Geologia Em

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Red River of Louisiana - Randolph B. Marcy
2013-09

This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1854 edition. Excerpt: ...northerly routes. As this route is included within the 32d and 34th parallels of latitude, it would never be obstructed by snow, as it seldom falls more than two or three inches in depth, and only remains upon the ground a few hours at a time. The whole surface of the country, from Red river to the Rio Grande, is covered with a dense coating of the most nutritious grass, which remains green for nine months in the year, and enables cattle to subsist the entire winter without any other forage. It will be observed that the route here spoken of skirts the headwaters of the rivers flowing towards the Gulf of Mexico, for several hundred miles after leaving Red river, and that a road cannot be made much further to the north without impinging upon the "Llano estacado." From what I have seen of the country south of this, I have no doubt but that a road could be made in almost any direction, but would be attended with much greater cost than upon the one I have attempted to describe, for the reason that the surface of the country along this route is much more level. After passing the Brazos river, the road, as I have before observed, runs near the sources of the streams, where the valleys are broad and but little depressed below the general surface; whereas I have remarked that in descending some of these streams, the longitudinal and lateral valleys become deep and abrupt, and where (as would be the case with a Pacific railway) it became

necessary to cross these undulations transversely, a greater expenditure of labor would be involved in grading than upon the other route. There would also be many more large streams to bridge; indeed, upon the route I have recommended, there are but two streams (the Brazos and Pecos) of greater width than forty...

Electronic Structure and Surfaces of Sulfide Minerals - Jianhua Chen 2020-04-28

Electronic Structure and Surfaces of Sulfide Minerals: Density Functional Theory and Applications examines the mineral structure and electronic properties of minerals and their relationship to mineral floatability by density functional theory (DFT). This pragmatic guide explores the role of minerals in flotation by focusing on the mineral surface structure, electronic properties, and the adsorption of flotation agents through the study of the microscopic mechanism of reagents from the structure and properties of minerals. The flotation mechanism is explained from the point-of-view of solid physics, which is of great significance for both theoretical research and practical applications. The study of the structure and properties of the minerals can reveal the essential nature of mineral flotation, hence why minerals have floatability, the mechanism of response of different minerals to different chemicals, and the origin of the selectivity of flotation agents.

Thrustbelts - Michal Nemcok 2009-05-07

Thrustbelts are likely to be productive sources of hydrocarbons well into the future. Many new technical tools are enabling new discoveries, or the more efficient recovery of known reserves. The authors provide a comprehensive account of

thrust systems, including orogenic thrustbelts, transpressional ranges and accretionary prisms and discuss both thin-skin thrust systems and thick-skin inversion structures. The book includes major sections on the basic concepts, definitions and mechanics of thrust systems, the roles of syn-tectonic stratigraphy and fluid flow in determining structural style, the origins and nature of evolving thermal regimes in thrustbelts, and a thorough analysis of petroleum systems and hydrocarbon plays in thrustbelts. Case studies are presented with discussion of the potential applications of the technique, possible limitations and future developments. A comprehensive database of thrustbelts is available to download. This book will be an invaluable resource for research scientists, oil company managers and students.

A World Without Soil - Jo Handelsman

2021-11-23

A scientist's manifesto addressing a soil loss crisis accelerated by poor conservation practices and climate change This book by celebrated biologist Jo Handelsman lays bare the complex connections among climate change, soil erosion, food and water security, and drug discovery. Humans depend on soil for 95 percent of global food production, yet let it erode at unsustainable rates. In the United States, China, and India, vast tracts of farmland will be barren of topsoil within this century. The combination of intensifying erosion caused by climate change and the increasing food needs of a growing world population is creating a desperate need for solutions to this crisis. Writing for a nonspecialist audience, Jo Handelsman celebrates the capacities of soil and explores the soil-related challenges of the near future. She begins by telling soil's origin story, explains how it erodes and the subsequent repercussions worldwide, and offers solutions. She considers lessons learned from indigenous people who have sustainably farmed the same land for thousands of years, practices developed for large-scale agriculture, and proposals using technology and policy initiatives.

Quaternary Glaciations - Extent and Chronology - J. Ehlers 2011-06-29

The book presents an up-to-date, detailed overview of the Quaternary glaciations all over the world, not only with regard to stratigraphy

but also with regard to major glacial landforms and the extent of the respective ice sheets. The locations of key sites are included. The information is presented in digital, uniformly prepared maps which can be used in a Geographical Information System (GIS) such as ArcView or ArcGIS. The accompanying text supplies the information on how the data were obtained (geomorphology, geological mapping, air photograph evaluation, satellite imagery), how the features were dated (14C, TL, relative stratigraphy) and how reliable they are supposed to be. All references to the underlying basic publications are included. Where controversial interpretations are possible e.g. in Siberia or Tibet, this is pointed out. As a result, the information on Quaternary glaciations worldwide will be much improved and supplied in a uniform digital format. The information on the glacial limits is compiled in digital form by the coordinators of the project, and is available for download at:

<http://booksite.elsevier.com/9780444534477/>
Completely updated detailed coverage of worldwide Quaternary glaciations Information in digital, uniformly prepared maps which can be used in a GIS such as ArcView or ArcGis Step-by-step guideline how to open and use ArcGis files Possibility to convert the shapefiles into GoogleEarth kmz-files Availability of chronological controls

Climbing the Seven Summits - Mike Hamill

2012-05-04

CLICK HERE to download the first 50 pages from *Climbing the Seven Summits* * First and only guidebook to climbing all Seven Summits * Full color with 125 photographs and 24 maps including a map for each summit route * Essential information on primary climbing routes and travel logistics for mountaineers, with historical and cultural anecdotes for armchair readers Aconcagua. Denali. Elbrus. Everest. Kilimanjaro. Kosciuszko. Vinson. To a climber, these mountains are known as the Seven Summits* -- the highest peaks on each continent. If you've ever dreamed of climbing Denali or Everest, or joining the even more exclusive "Seven Summitters " club, then *Climbing the Seven Summits* is the guidebook you need to turn your dream into reality. With Mike Hamill as your guide, you will discover different

approaches to tackling the list, as well as details on what you'll need to plan an expedition and what to expect from each climb. For each mountain you'll learn about documents and immunizations, expedition costs, training, guiding options, climbing styles, best seasons, essential gear, day-by-day itineraries, summit routes, maps showing approaches and camps, regional natural history, cultural notes, and even post-climb activities like going on safari in Africa or wine-touring in South America. Throughout you'll also find helpful and inspiring stories from the likes of Conrad Anker, Vern Tejas, Damien Gildea, Eric Simonson, and other famed climbers. Special insider tips from Hamill, based on his years of experience, as well as full-color photographs of each peak round out this collectible guidebook. And, because there remains some controversy about whether Kosciuszko in Australia or Carstenz Pyramid on the island of New Guinea is the "seventh summit," this guidebook to the Seven Summits actually covers eight mountains! *Within mountaineering circles there is debate over which peaks are considered the official Seven Summits. For the purposes of this guidebook, the Seven Summits are based on the continental model used in Western Europe, the United States, and Australia, also referred to as the 'Bass list.'

Geology, Environment, and Society - Khadg Singh Valdiya 2004

This Book On The Applied Aspects Of Environmental Geology Encapsulates A Geologist'S Concern That People Are Selling Their Future To Finance Their Present. Geology, Environment And Society Explores Subjects Of Ecosystem Structure; Soil And Mineral Resources And Their Conservation; Hydrogeology And Water Resources Management; Terrain Evaluation And Land-Use Planning; Engineering Geology And The Application Of Technology; Understanding Earth Processes And Natural Hazards, Climate Change And Drought; Careful Waste Disposal Methods; And Medical Geology. The Book Addresses The Problems Of Environmental Security Within The Context Of Geological Settings And The Geodynamic Sensitivity Of Terrains. It Suggests Measures To Mitigate The Adverse Consequences Of Tampering With Nature'S Fine

Balance. Over 150 Detailed And Clearly Labelled Diagrams, Photographs, Maps And Satellite Images Illustrate These Aspects, And Are Critical To The Understanding Of These Problems. The Author Draws On Both Past And Contemporary Events In India To Make The Reader Familiar With The Relationship Between People And Their Natural Environment. In Doing So, He Also Highlights The Geologist'S Role In Preserving The Earth System So As To Ensure A Better Future For Humankind.

Life Through the Ages II - Mark P. Witton 2020

What was life like on our planet long before the early humans emerged? Paleontologist Dr. Mark P. Witton draws on the latest twenty-first century discoveries to re-create the appearances and lifestyles of extinct, fascinating species, the environments they inhabited, and the challenges they faced living on an ever-changing planet. A worthy successor to Charles Knight's beloved 1946 classic, *Life through the Ages II* takes us on an unforgettable journey through the evolution of life on Earth. Dozens of gorgeous color illustrations and meticulously researched, accompanying commentary showcase the succession of lost worlds, defining events, and ancient creatures that have appeared since the earth was formed, creating an indispensable guide to explore what came before us.

Petroleum Exploration and Exploitation in Norway - S. Hanslien 1995-12-15

This conference was arranged by the Norwegian Petroleum Society in order to commemorate the first 25 years of exploration on the Norwegian Continental Shelf. Sixty papers and posters were presented of which 25 have been selected for this volume. Since the start of exploration activities during the mid 1960's the North Sea has not only proved to be one of the main petroleum provinces in the world, but has also established itself as an excellent laboratory for geoscientific research and application. This development has been stimulated greatly by the openness towards exchange of technical data encouragement by the Norwegian authorities. The objective of this book is to assess the results of 25 years of exploration in Norway. It focuses on lessons learned from past experiences as well as considering future challenges facing geoscientists in the industry (relating to both

exploration and exploitation activities). Included, are papers which assess the status and future trends of exploration in the main geological provinces on the Norwegian Continental Shelf from the Central Graben in the south to Svalbard and the Russian Arctic in the north.

GUIDE TO FIELD GEOLOGY - S. M. MATHUR
2001-01-01

Geology is a field science. Without sustained fieldwork, no theoretical aspect of geology can be taught and no geological and mineral exploration or research can be carried out. In short, without field studies there would be no science of geology. Practical field training of students is therefore an essential requirement of undergraduate and postgraduate courses in geology. Students have to learn to make independent geological observations and measurements on the ground. Education in fieldwork, like any other course, also requires good course materials. This book is an attempt to provide a suitable text on field geology suited to Indian conditions. Written by an eminent field geologist, the book covers all aspects of field geology—right from preparation for the trip and correct handling of instruments and other equipment, to mapping and observation of various geological features and collection of materials for further study in the laboratory. Interspersed throughout the text are practical hints for the successful conduct of the assigned work in different terrains. This guide should be carried to the field for regular consultation. The text with its straightforward presentation reflecting the experience of a half-century of the author as a field geologist should prove to be a boon to the students of geology.

Journal of a Tour in Marocco and the Great Atlas
- Sir Joseph Dalton Hooker 2013-09

This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1878 edition. Excerpt: ... a new excursion of any importance. An abundant mono, was provided; and general satisfaction appeared to prevail in the camp at having reached this Capua of the Great Atlas. The 20th of May was a day of rest for the men and animals of our party; but of rather hard work for the two botanists, who were for eight or nine hours busily engaged

in putting their collections into order, and transferring the specimens from damp to dry paper. The system of ventilating gratings which we adopted, works admirably in a dry climate, and especially when it is possible to expose the parcels to sunshine; and in such conditions most plants may be dried without a single change of paper. The case is different when, owing to rain, or the dampness of the climate, the paper cannot be well dried, and the plants have to be laid in in a more or less moist condition. Artificial heat may sometimes be applied; but this is rarely available for travellers in such a country as Marocco. It was necessary to interrupt the work during the forenoon, in order to pay a visit to the Governor. This was no matter of mere ceremony, as it was essential to obtain his consent and assistance towards carrying out the design--on which we had fixed our hearts---of penetrating to the head of the Amsmiz valley, and climbing some one of the higher adjoining peaks. We knew, indeed, that in this part of the range, the Great Atlas does not attain so high a level as it does farther east; but as the summits must reach a height of fully 11,000 feet, they could not fail to exhibit the characteristic vegetation of the higher zone, and at the same time, unless we were again pursued by 248 KA1U EL IASIU BROUGHT TO HOOK. cu. x. bad weather, command a wide view over the unknown country, on the south...

Hydrochemistry - Eckhard Worch 2015-05-19
Water is the basis of all life. Preservation of aquatic ecosystems and protection of water resources thus are among the most important goals of a sustainable development. The quality of water is mainly determined by its constituents, the entirety of the substances dissolved or suspended in water. To assess the water quality on a sound basis requires in-depth knowledge about the occurrence, behavior and fate of these constituents. That explains the importance of hydrochemistry (also referred to as water chemistry or aquatic chemistry) as a scientific discipline that deals with water constituents and their reactions within the natural water cycle and within the cycle of water use. This textbook introduces the elementary basics of hydrochemistry with special focus on reaction equilibria in aquatic systems and their mathematical description. It is designed as an

introductory textbook for students of all environment-related courses who are beginning their hydrochemical education. Only minor knowledge in General Chemistry is required to understand the text. The book is also suitable for continuing education. Topics discussed in this textbook include: structure and properties of water, concentration measures and activities, colligative properties, basics of chemical equilibria, gas-water partitioning, acid/base reactions, precipitation/dissolution, calco-carbonic equilibrium, redox reactions, complex formation, and sorption. The text is supplemented by numerous figures and tables. More than 50 examples within the text as well as more than 60 problems to be solved by the reader support the acquiring of knowledge. Complete and detailed solutions to all problems are given in a separate chapter.

Megafauna - Richard A. Fariña 2013-05-22

"An enjoyable read that provides a substantial amount of detail on the biology, ecology, and distribution of these fantastic animals . . . Highly recommended." —Choice More than 10,000 years ago spectacularly large mammals roamed the pampas and jungles of South America. This book tells the story of these great beasts during and just after the Pleistocene, the geological epoch marked by the great ice ages. Megafauna describes the history and way of life of these animals, their comings and goings, and what befell them at the beginning of the modern era and the arrival of humans. It places these giants within the context of the other mammals then alive, describing their paleobiology—how they walked; how much they weighed; their diets, behavior, biomechanics; and the interactions among them and with their environment. It also tells the stories of the scientists who contributed to our discovery and knowledge of these transcendent creatures and the environment they inhabited. The episode known as the Great American Biotic Interchange, perhaps the most important of all natural history "experiments," is also an important theme of the book, tracing the biotic events of both North and South America that led to the fauna and the ecosystems discussed in this book. "Collectively, this book brings attention to the discovery and natural history of ancient beasts in South America while providing a broader temporal and geographic

background that allows readers to understand their evolution and potential immigration to South America." —Quarterly Review of Biology "An excellent volume . . . This book is likely to facilitate progress in the understanding of fossil mammals from the Americas." —Priscum

Vestige of the Natural History of Creation; with a Sequel - Robert Chambers 2013-09

This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1846 edition. Excerpt: ... 199 NOTE CONCLUSORY. Thus ends a book, composed in solitude, and almost without the cognizance of a single human being, for the sole purpose (or as nearly so as maybe) of improving the knowledge of mankind, and through that medium their happiness. For reasons which need not be specified, the author's name is retained in its original obscurity, and, in all probability, will never be generally known. I do not expect that any word of praise which the work may elicit shall ever be responded to by me, or that any word of censure shall ever be parried or deprecated. It goes forth to take its chance of instant oblivion, or of a long and active course of usefulness in the world. Neither contingency can be of any importance to me, beyond the regret or the satisfaction which may be imparted by my sense of a lost or a realized benefit to my fellow-creatures. The book, as far as I am aware, is the first attempt to connect the natural sciences into a history of creation. The idea is a bold one, and there are many circumstances of time and place to render its boldness more than usually conspicuous. But I believe my doctrines to be in the main true; I believe all truth to be valuable, and its dissemination a blessing. At the same time, I hold myself duly sensible of the common liability to error, but am certain that no error in this line has the least chance of being allowed to injure the public mind. Therefore I publish. My views, if correct, will most assuredly stand, and may sooner or later prove beneficial; if otherwise, they will as surely pass out of notice without doing any harm. My sincere desire in the composition of the book was to give the true view of the history of nature, with as little disturbance as possible to existing beliefs, whether...

Stable Isotope Geochemistry - Jochen Hoefs
2009-01-13

Stable Isotope Geochemistry is an introduction to the use of stable isotopes in the geosciences. It is subdivided into three parts: theoretical and experimental principles; fractionation processes of light and heavy elements; the natural variations of geologically important reservoirs. Since the application of stable isotopes to earth sciences has grown in the last few years, a new edition appears necessary. Recent progress in analysing the rare isotopes of certain elements for instance allow the distinction between mass-dependent and mass-independent fractionations. Special emphasis has been given to the growing field of "heavy" elements. Many new references have been added, which will enable quick access to recent literature. For students and scientists alike the book will be a primary source of information with regard to how and where stable isotopes can be used to solve geological problems.

Introduction to Coastal Processes and Geomorphology - Gerd Masselink 2014-04-04

The world's coastlines represent a myriad of dynamic and constantly changing environments. Heavily settled and intensely used areas, they are of enormous importance to humans and understanding how they are shaped and change is crucial to our future. *Introduction to Coastal Processes and Geomorphology* begins by discussing coastal systems and shows how these systems link to the processes examined in detail throughout the book. These include the morphodynamic paradigm, tides, waves and sediment transport. Later chapters explore fluvial deltas, estuaries, beaches and barriers, coastal sand dunes and geologically-influenced coasts such as cliffs, coral reefs and atolls. A new chapter addresses the forward-facing aspect of coastal morphodynamics, including the ways in which coasts respond to rapid climate changes such as present day global warming. Also new to this second edition is a chapter on future coasts which considers the wider effects of coastal change on other important aspects of coastal systems, including ecology, management, socio-cultural activities, built and natural heritage, and archaeology. Case studies using examples from around the world illustrate theory in practice and bring the subject to life.

Each chapter starts by outlining the 'aims' and questions at the end allow you to track your progress. This book is accompanied by additional resources online at www.hodderplus.com/geography including: Answers to the questions available to download as MP3 files Expanded case studies with colour photos, links to relevant websites and a map link to pinpoint the case study location Interactive multiple choice questions and worked examples The ebook edition is in VitalBook™ Bookshelf - an ebook reader which allows you to: download the ebook to your computer or access it anywhere with an internet browser search the full text of all of the ebooks that you hold on your bookshelf for instant access to the information you need make and share notes and highlights on your ebooks copy and print text and figures customize your view by changing font size and layout.

Personal Narrative of Travels to the Equinoctial Regions of America, During the Years 1799-1804
- Alexander von Humboldt 2013-09

This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1852 edition. Excerpt: ...at the period of floods. A solitary cataract, like Niagara, or the cascade of Terni, affords a grand but single picture, varying only as the observer changes his place. Rapids, on the contrary, especially when adorned with large trees, embellish a landscape during a length of several leagues. Sometimes the tumultuous movement of the waters is caused only by extraordinary contractions of the beds of the rivers. Such is the angostura of Carare, in the river Magdalena, a strait that impedes communication between Santa Pe de Bogota and the coast of Cartagena; and such is the pongo of Manseriche, in the Upper Maranon. The Orinoco, the Rio Negro, and almost all the confluents of the Amazon and the Maranon, have falls or rapids, either because they cross the mountains where they take rise, or because they meet other mountains in their course. If the Amazon, from the pongo of Manseriche (or, to speak with more precision, from the pongo of Tayuchuc) as far as its mouth, a space of more than seven hundred and fifty leagues, exhibit no tumultuous movement of the waters, the river

owes this advantage to the uniform direction of its course. It flows from west to east in a vast plain, forming Voyage to explore the River Zaire, 1818, pp. 152, 327, 340. What the inhabitants of Upper Egypt and Nubia call chellal in the Nile, is called yellala in the River Congo. This analogy between words signifying rapids is remarkable, on account of the enormous distance of the yellalas of the Congo from the chellal and djenadel of the Nile. Did the word chellal penetrate with the Moors into the west of Africa? If, with Burckhardt, we consider the origin of this word as Arabic (Travels in Nubia, 1819), it must be derived from the root c/talla, ' to disperse, ' which..

Governing Extractive Industries - Anthony Bebbington 2018-06-20

This is an open access title available under the terms of a CC BY-NC-ND 4.0 International licence. It is free to read at Oxford Scholarship Online and offered as a free PDF download from OUP and selected open access locations.

Proposals for more effective natural resource governance emphasize the importance of institutions and governance, but say less about the political conditions under which institutional change occurs. *Governing Extractive Industries* synthesizes findings regarding the political drivers of institutional change in extractive industry governance. It analyses resource governance from the late nineteenth century to the present in Bolivia, Ghana, Peru, and Zambia, focusing on the ways in which resource governance and national political settlements interact. The authors focus on the ways in which resource governance and national political settlements interact, exploring the nature of elite politics, the emergence of new political actors, forms of political contention, changing ideas regarding natural resources and development, the geography of natural resource deposits, and the influence of the transnational political economy of global commodity production.

Chemical Oceanography and the Marine Carbon Cycle - Steven Emerson 2008-04-24

The principles of chemical oceanography provide insight into the processes regulating the marine carbon cycle. The text offers a background in chemical oceanography and a description of how chemical elements in seawater and ocean

sediments are used as tracers of physical, biological, chemical and geological processes in the ocean. The first seven chapters present basic topics of thermodynamics, isotope systematics and carbonate chemistry, and explain the influence of life on ocean chemistry and how it has evolved in the recent (glacial-interglacial) past. This is followed by topics essential to understanding the carbon cycle, including organic geochemistry, air-sea gas exchange, diffusion and reaction kinetics, the marine and atmosphere carbon cycle and diagenesis in marine sediments. Figures are available to download from

www.cambridge.org/9780521833134. Ideal as a textbook for upper-level undergraduates and graduates in oceanography, environmental chemistry, geochemistry and earth science and a valuable reference for researchers in oceanography.

Godunov-type Schemes - V. Guinot 2003-01-29

Godunov-type schemes appear as good candidates for the next generation of commercial modelling software packages, the capability of which to handle discontinuous solution will be a basic requirement. It is in the interest of practising engineers and developers to be familiar with the specific features of discontinuous wave propagation problems and to be aware of the possibilities offered by Godunov-type schemes for their solution. This book aims to present the principles of such schemes in a way that is easily understandable to practising engineers. The features of hyperbolic conservation laws and their solutions are presented in the first two chapters. The principles of Godunov-type schemes are outlined in a third chapter. Chapters 4 and 5 cover the application of the original Godunov scheme to scalar laws and to hyperbolic systems of conservation laws respectively. Chapter 6 is devoted to higher-order schemes in one dimension of space. The design of such a scheme is described for the general case and applied to some well-known schemes such as the MUSCL and PPM schemes. Chapter 7 focuses on multidimensional problems. The classical alternate directions and finite volume approaches are presented together with the wave splitting technique that is described in depth with an application to two-dimensional

systems. Chapter 8 deals with large-time step algorithms. These include front tracking-based methods, explicit-implicit techniques and the time-line interpolation technique. Three appendices provide notions on accuracy and stability issues, Riemann solvers and the user instructions for the computational codes provided in the enclosed CD-ROM.

Desenvolvendo Um Jogo No Vb Para Ensino De Geologia - Vitor Amadeu Souza 2016-05-12

Com o crescimento do uso dos computadores em nosso cotidiano, torna-se fundamental que professores de todos os níveis de ensino agregem este recurso em sala de aula, como ferramenta de ensino. Esta é a proposta deste livro, no qual aborda a programação em linguagem de alto nível para a linha Windows usando o VB como ferramenta, onde ao término de sua apresentação juntamente com seus recursos, é desenvolvido um jogo de perguntas e respostas usando a Geologia como matéria. Sendo assim, ao inicializar o jogo é apresentada uma pergunta e 4 respostas do tipo múltipla escolha, onde ao ser escolhida a correta passa-se para a tela seguinte, em que um novo questionamento é feito. Ao todo, a aplicação consiste de 5 telas e ao passar por todas as etapas do programa o jogador é congratulado pelo seu sucesso. Com esta ideia base, é possível expandir o jogo, onde o aluno poderá participar da elaboração de novas perguntas, elevando assim o interesse pelo assunto estudado. Espera-se que através deste exemplo, os professores (as) desta matéria sintam-se encorajados e possam explorar seu conteúdo de maneira mais lúdica, motivando os alunos a alinhar a tecnologia que fazem uso todos os dias com os conceitos que espera-se passar através da programação de um jogo no computador. O Visual BASIC 2010 Express vem incorporado ao Visual Studio 2010, no qual este pode ser baixado gratuitamente na Internet diretamente do site do fabricante, no endereço <http://www.microsoft.com/en-us/download/details.aspx?id=34673>. A versão usada neste livro foi a 2010, porém nada impede que versões mais recentes sejam utilizadas para o estudo do conteúdo abordado.

Geologia de engenharia - Nivaldo Chiossi 2015-11-10

O livro *Geologia de Engenharia*, reeditado após

mais de 30 anos, além de explicar os conceitos geológicos básicos, apresenta ferramentas para obter o conhecimento da aplicação da Geologia nas obras de Engenharia. Em cada tema o autor inclui ilustrações e mostra de forma didática a importância de conhecer a geologia local, que inclui as rochas e os solos formadores do substrato onde a Engenharia implanta as suas obras. De autoria de Nivaldo Chiossi, buscou-se nesta nova edição a atualização de diversos tópicos e o acréscimo de capítulos os quais o autor considera importantíssimos para os estudantes da área de Engenharia Civil: a Geologia de Engenharia aplicada às obras lineares (como estradas, ferrovias, canais e linha de transmissão), às obras subterrâneas, ao petróleo e ao gás, à mineração e ao meio ambiente. Os capítulos 1 a 5 são dedicados aos conceitos básicos sobre solos e rochas. O Cap. 6 descreve a importante Geologia Estrutural, um desafio permanente para qualquer obra de engenharia. Os Caps. 7, 8 e 9 tratam dos métodos de investigação do subsolo, da elaboração de mapas geológicos e geotécnicos e dos recursos das fotos aéreas e do sensoriamento remoto para a identificação dos aspectos estruturais da geologia da área de interesse a uma obra de engenharia. Nos capítulos 10 a 12 é abordado o tema hidrogeologia detalhando sobre as águas superficiais e subterrâneas e suas ações na paisagem e nas áreas construídas. Encerram o livro os capítulos 13 a 17, nos quais o autor aprofunda a Geologia de Engenharia aplicada a projetos como barragens, túneis metroviários, canais, dutos e mineração. Com uma linguagem didática e acessível, enriquecido e ilustrado com fotos e diversos gráficos, o livro apresenta também exemplos das novas construções espalhadas por todo o Brasil. Imprescindível a todos os estudantes de Engenharia Civil e aos geólogos que desejam entender a relação Geologia-Engenharia.

Oceans of Kansas - Michael J. Everhart 2017 Revised, updated, and expanded with the latest interpretations and fossil discoveries, the second edition of *Oceans of Kansas* adds new twists to the fascinating story of the vast inland sea that engulfed central North America during the Age of Dinosaurs. Giant sharks, marine reptiles called mosasaurs, pteranodons, and birds with

teeth all flourished in and around these shallow waters. Their abundant and well-preserved remains were sources of great excitement in the scientific community when first discovered in the 1860s and continue to yield exciting discoveries 150 years later. Michael J. Everhart vividly captures the history of these startling finds over the decades and re-creates in unforgettable detail these animals from our distant past and the world in which they lived--above, within, and on the shores of America's ancient inland sea.

Atlas of Deformed and Metamorphosed Rocks from Proterozoic Orogens - T.R.K.

Chetty 2021-10-12

Atlas of Deformed and Metamorphosed Rocks from Proterozoic Orogens is a richly illustrated reference book featuring over 660 full-color field images of a range of lithologies from some Proterozoic terrains that were subjected to multiple events of magmatism, deformation, metamorphism, and metasomatism. The Atlas focuses on amphibolite to granulite facies lithologies and associated mafic-ultramafic rocks from Proterozoic orogens of India, Sri Lanka, Botswana, South Africa, East Antarctica, and Western Australia. Each chapter in the book begins with a brief review of geology, including deformation and metamorphic history, along with a regional geological map to help readers to visualize the field observations in the relevant geological context. Each image is accompanied by a concise description providing location, lithology, structural fabric, possible deformational history, metamorphic features, partial melting, metasomatism, and other important crustal processes. This Atlas is an important source of information for a broad range of earth scientists, graduate and undergraduate students, researchers, academicians, and other professionals. This book will form a great treasure to those geoscientists who never had an opportunity to visit any of the Proterozoic orogenic belts. Features over 660 full-color photographs representing typical lithologies and associated structural, metamorphic features, and other crustal processes from different Proterozoic orogens. Highlights the significance of field photographs in advancing new knowledge which may provide pathways for new research. Covers many

important Proterozoic terranes of East Gondwana. Presents regional geologic maps from each Proterozoic orogen.

Dark Matter and the Dinosaurs - Instaread 2016-01-06

Dark Matter and the Dinosaurs by Lisa Randall | Key Takeaways, Analysis & Review Preview: Dark Matter and the Dinosaurs by Lisa Randall proposes to explain the causes of the meteoroid that wiped out the dinosaurs using a dark matter model. It also describes a wide range of scientific findings to illustrate the interconnectedness of the cosmos to life on Earth... PLEASE NOTE: This is key takeaways and analysis of the book and NOT the original book. Inside this Instaread of Dark Matter and the Dinosaurs: · Overview of the book · Important People · Key Takeaways · Analysis of Key Takeaways

Biohydrometallurgy of Chalcopyrite - Hongbo Zhao 2021-07-30

Bioleaching of chalcopyrite is always a challenge and research hotspot. The low copper extraction and dissolution kinetics restricted the industrial application of chalcopyrite bioleaching. To solve this problem, the dissolution process and passivation mechanism of chalcopyrite in bioleaching should be first studied, then the rate-limiting steps should be analysed explicitly, and finally the intensifying method can be put forward. Many scholars have made efforts to investigate the dissolution mechanism of chalcopyrite in bioleaching. However, there is no congruence of opinion as yet.

Biohydrometallurgy of Chalcopyrite summarizes and discusses the reported research findings. In addition, this book publishes the related results found by the authors' research. Then, the dissolution mechanism of chalcopyrite in bioleaching is interpreted. Finally, the process intensification techniques of chalcopyrite bioleaching are provided and discussed. Hence, this book provides useful reference and guidance in both laboratory research and industrial production. Interprets the dissolution mechanism of chalcopyrite in bioleaching Provides feasible technologies for intensifying chalcopyrite bioleaching Overviews the current situations of chalcopyrite bioleaching Helps the readers to deeply understand the bioleaching mechanisms of chalcopyrite Provides topics for

future research and potential industrial applications

Radiolarians in the Sedimentary Record - P. De Wever 2002-02-28

Radiolarians in the Sedimentary Record presents the current state of knowledge on fossil radiolarians. The author discusses the record, as well as new integrated taxonomic systems at the family level. The book provides comprehensive coverage of the fossil record of these unicellular organisms. It also discusses their important role in the history of the Earth and their development of the biosphere. This text will prove indispensable for graduate students and researchers in geology, oceanography and earth sciences.

Atlas of Natural and Induced Fractures in Core - John C. Lorenz 2017-11-29

An invaluable reference that helps geologists recognize and differentiate the many types of natural fractures, induced fractures and artefacts found in cores *Atlas of Natural and Induced Fractures in Core* offers a reference for the interpretation of natural and induced fractures in cores. The natural and induced fracture data contained in cores provides a wealth of information once they are recognized and properly interpreted. Written by two experts in the field, this resource provides a much-needed tool to help with the accurate interpretation of these cores. The authors include the information needed to identify different fracture types as well as the criteria for distinguishing between the types of fractures. The atlas shows how to recognize non-fracture artefacts in a core since many of them provide other types of useful information. In addition, the text's illustrated structures combined with their basic interpretations are designed to be primary building blocks of a complete fracture assessment and analysis. The authors show how to recognize and correctly interpret these building blocks to ensure that subsequent analyses, interpretations, and modeling efforts regarding fracture-controlled reservoir permeability are valid. Presented in full color throughout, this comprehensive reference is written for geologists charged with interpreting fracture-controlled permeability systems in reservoirs as well as for students or other scientists who need to develop the skills to

accurately interpret the natural and induced fractures in cores.

Abysal Channels in the Atlantic Ocean - Eugene G. Morozov 2010-09-10

This book is dedicated to the study of structure and transport of deep and bottom waters above and through underwater channels of the Atlantic Ocean. The study is based on recent observations, analysis of historical data, and literature reviews. This approach allows us to understand how water transport and water mass properties have changed over the last years and decades. The focus of our study is on the propagation of bottom waters in the Atlantic Ocean based on new field data at key points. At the end of the 1920s, the first integral study of water masses and bottom topography of the Central and South Atlantic was carried out from the German - search vessel *Meteor*. This German Atlantic Expedition was one of the first cruises equipped with the newly developed echosounder (fathometer): an obligatory prerequisite for the investigation of bottom morphology in the deep sea on an - erational base. The results of the expedition were published by Wüst, Defant, and colleagues in the multivolume *METEOR* publication series starting with the cruise report by the ship's commander (Spiess 1928, 1932). Historically, this series of publications, intermittently interrupted by World War II, was the basis for many years of research into the development of modern concepts about Atlantic water masses and their circulation schemes.

The Cave Book - Emil Silvestru 2008

DISCOVER JUST HOW LONG IT REALLY TAKES FOR A CAVE TO FORM

Technology and Practice in Geotechnical Engineering - Adeyeri, Joseph B. 2014-09-30

Knowledge surrounding the behavior of earth materials is important to a number of industries, including the mining and construction industries. Further research into the field of geotechnical engineering can assist in providing the tools necessary to analyze the condition and properties of the earth. *Technology and Practice in Geotechnical Engineering* brings together theory and practical application, thus offering a unified and thorough understanding of soil mechanics. Highlighting illustrative examples, technological applications, and theoretical and

foundational concepts, this book is a crucial reference source for students, practitioners, contractors, architects, and builders interested in the functions and mechanics of sedimentary materials.

Introduction to Satellite Remote Sensing - William Emery 2017-08-30

Introduction to Satellite Remote Sensing: Atmosphere, Ocean and Land Applications is the first reference book to cover ocean applications, atmospheric applications, and land applications of remote sensing. Applications of remote sensing data are finding increasing application in fields as diverse as wildlife ecology and coastal recreation management. The technology engages electromagnetic sensors to measure and monitor changes in the earth's surface and atmosphere. The book opens with an introduction to the history of remote sensing, starting from when the phrase was first coined. It goes on to discuss the basic concepts of the various systems, including atmospheric and ocean, then closes with a detailed section on land applications. Due to the cross disciplinary nature of the authors' experience and the content covered, this is a must have reference book for all practitioners and students requiring an introduction to the field of remote sensing. Provides study questions at the end of each chapter to aid learning Covers all satellite remote sensing technologies, allowing readers to use the text as instructional material Includes the most recent technologies and their applications, allowing the reader to stay up-to-date Delves into laser sensing (LIDAR) and commercial satellites (DigitalGlobe) Presents examples of specific satellite missions, including those in which new technology has been introduced

Principles of Paleontology - David Raup 1978-03-15

Explains in a clear and concise manner the factors involved in the description and classification of fossils and the practical applications of paleontologic data

The Geology of Japan - T. Moreno 2016-03-16

It has been 25 years since publication of the most recent English language summary of the geology of Japan. This book offers an up-to-date comprehensive guide for those interested both in the geology of the Japanese islands and

geological processes of island arcs in general. It contains contributions from over 70 different eminent researchers in their fields and is divided into 12 main chapters.

An Introduction to Marine Geology - M. J. Keen 2017-01-31

An account of some aspects of marine geology and marine geophysics, comprehensible to those at an early stage in their study of geology and to scientists who are not specialists in these fields. There are many biologists, chemists, mathematicians or physicists who work in the laboratory or on board ship with geologists and geophysicists and this book will help them to understand the aims of their colleagues' experiments. Wherever possible, without a loss of necessary precision, terminology is deliberately simplified.

Remote Sensing of the Cryosphere - Marco Tedesco 2015-01-27

The cryosphere, that region of the world where water is temporarily or permanently frozen, plays a crucial role on our planet. Recent developments in remote sensing techniques, and the acquisition of new data sets, have resulted in significant advances in our understanding of all components of the cryosphere and its processes. This book, based on contributions from 40 leading experts, offers a comprehensive and authoritative overview of the methods, techniques and recent advances in applications of remote sensing of the cryosphere. Examples of the topics covered include: • snow extent, depth, grain-size and impurities • surface and subsurface melting • glaciers • accumulation over the Greenland and Antarctica ice sheets • ice thickness and velocities • gravimetric measurements from space • sea, lake and river ice • frozen ground and permafrost • fieldwork activities • recent and future cryosphere-oriented missions and experiments All figures are in color and provide an excellent visual accompaniment to the technical and scientific aspect of the book. Readership: Senior undergraduates, Masters and PhD Students, PostDocs and Researchers in cryosphere science and remote sensing. Remote Sensing of the Cryosphere is the significant first volume in the new Cryosphere Science Series. This new series comprises volumes that are at the cutting edge of new research, or provide focussed

interdisciplinary reviews of key aspects of the science.

Sand Production Management for Unconsolidated Sandstone Reservoirs -

Shouwei Zhou 2016-03-21

This book investigates sand production problems in the development of unconsolidated sand reservoirs and suggests novel technical solutions and improvements to sand management issues.

This book is divided into six chapters: (1) geologic characteristics of unconsolidated sand heavy oil reservoirs and concept of sand management technology; (2) sand production mechanisms and its effect on reservoir petrophysical quality; (3) sand production quantity prediction and well productivity evaluation methods, especially for fluid-solid coupling prediction model; (4) completion technology for sand management; (5) sand flow in well bore and surface processing; (6) the application of sand management technology in China's Bohai heavy oil field. Readership: Petroleum reservoir engineers and production managers worldwide.

Relative Fidelity Processing of Seismic Data

- Xiwen Wang 2017-05-08

This book presents a comprehensive overview of relative fidelity preservation processing methods and their applications within the oil and gas sector. Four key principles for wide-frequency relative fidelity preservation processing are illustrated throughout the text. Seismic broadband acquisition is the basis for relative fidelity preservation processing and the influence of seismic acquisition on data processing is also analyzed. The methods and principles of Kirchhoff integral migration, one-way wave equation migration and reverse time migration are also introduced and illustrated clearly. Current research of relative amplitude preservation migration algorithms is introduced, and the corresponding numerical results are also shown. RTM (reverse time migration) imaging methods based on GPU/CPU systems for complicated structures are represented. This includes GPU/CPU high performance calculations and its application to seismic exploration, two-way wave extrapolation operator and boundary conditions, imaging conditions and low frequency noise attenuation, and GPU/CPU system based RTM imaging

algorithms. Migration velocity model building methods in depth domain for complicated structures are illustrated in this book. The research status and development of velocity model building are introduced. And the impacting factors are also discussed. Several different velocity model building methods are also represented and analyzed. The book also provides the reader with several case studies of field seismic data imaging in different kinds of basins to show the methods used in practice.

Atlantis - Ignatius Donnelly 2018-10-17

Atlantis: The Antedeluvian World: Large Print Ignatius Donnelly HOME TITLES GENRES

AUTHORS LANGUAGES NEW TITLES

RECOMMENDED POPULAR Atlantis: The

Antedeluvian World Cover image for Download

author: Ignatius Donnelly published: 1882

language: English wordcount: 140,438 / 412 pg

flesch-kincaid reading ease: 45.4 loc category:

PS downloads: 15,020 mnybks.net#: 2254

origin: gutenber.org genres: Science Fiction,

Pulp Read Online in Browser Here This book is

an attempt to demonstrate several distinct and

novel propositions. These are: 1. That there once

existed in the Atlantic Ocean, opposite the

mouth of the Mediterranean Sea, a large island,

which was the remnant of an Atlantic continent,

and known to the ancient world as Atlantis. 2.

That the description of this island given by Plato

is not, as has been long supposed, fable, but

veritable history. 3. That Atlantis was the region

where man first rose from a state of barbarism

to civilization.

Principles of Igneous and Metamorphic

Petrology - John D. Winter 2013-08-27

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programs that teach Igneous Petrology and Metamorphic Petrology. Typical texts on igneous and metamorphic petrology are geared to either advanced or novice petrology students. This unique text offers comprehensive coverage of both igneous and metamorphic petrology in a single volume—and provides the quantitative and technical background required to critically

evaluate igneous and metamorphic phenomena in a way that students at all levels can understand. The goal throughout is for students to be able to apply the techniques—and enjoy the insights of the results—rather than tinker with theory and develop everything from first principles.