

# Ebook free Statistics for petroleum engineers and geoscientists (Read Only)

Challenge and Change Statistics for Petroleum Engineers and Geoscientists Canadian Professional Engineering and Geoscience Environmental Law for Engineers and Geoscientists Statistics for Petroleum Engineers and Geoscientists A Safe and Prosperous Future Applied Geophysics for Geologists and Engineers Engineering & Geoscience - NPPE Quantitative Analysis of Geopressure for Geoscientists and Engineers Applied Geophysics for Engineers and Geologists An Introduction to River Ice Engineering Mathematical Methods for Engineers and Geoscientists Manual of Offshore Surveying for Geoscientists and Engineers Encyclopedia of Engineering Geology Geological Survey of Canada, Open File 6981 Earth Science for Civil and Environmental Engineers Geoscience for Petroleum Engineers Lattice Boltzmann Modeling Stratigraphic reservoir characterization for petroleum geologists, geophysicists, and engineers Manual of Applied Geology for Engineers Practical Law of Architecture, Engineering, and Geoscience Mentoring Scientists and Engineers ENVIRONMENTAL AND ENGINEERING GEOLOGY - Volume III Applied Geophysics for engineers and geologists Applied Geophysics for Engineers and Geologists Fundamentals of Computational Geoscience Engineering Geology and Geological Engineering for Sustainable Use of the Earth's Resources, Urbanization and Infrastructure Protection from Geohazards Engineering Geology and the Environment Geology for Ground Engineering Projects On Design Engineering in Rocks for Slopes, Foundations and Tunnels Developments in Engineering Geology Engineering Geology Engineering Geological Mapping Engineering Geology for Infrastructure Planning in Europe River Morphology Geology Applied to Engineering Cassandra Speaks Practical Engineering Geology Engineering Geology

*Challenge and Change* 2002-01-01 for many engineers statistics is the method of last resort when no deterministic method can be found to make sense of geological complexities this volume shows that geological data and geology often have a mutually beneficial effect especially in the diagnosis of complex geological phenomena

**Statistics for Petroleum Engineers and Geoscientists** 2000-12-07 this comprehensive textbook introduces engineers and geoscientists to the structure practice and ethics of their professions and encourages them to apply ethical concepts in their professional lives it is a comprehensive reference for engineers and geoscientists in any branch of these professions in any province or territory of canada the book is intended for practicing professionals recent graduates and senior undergraduates and is an excellent study guide for the practice and ethics part of the professional practice examination ppe required for licensing in every province and territory

**Canadian Professional Engineering and Geoscience** 2009 today s engineering and geoscience student needs to know more than how to design a new or remedial project or facility questions of law and ambiguities of terms often occur in contracts for mining landfills site reclamation waste depositories clean up sites land leases operating agreements joint ventures and other projects work place situations arise where environmental compliance methods are challenged by enforcement agencies although the statutes rules and regulations may seem to be worded clearly and specifically there are often questions in application and sometimes varied interpretations environmental law for engineers and geoscientists introduces simplified american jurisprudence focusing on the legal system its courts terms phrases administrative law and regulation by the agencies that administer environmental law the book comprehensively covers the big five environmental statutes nepa caa cwa cercla and rcra with the basic law chapter as a foundation the book covers the practical applications of environmental law for geo engineers it concludes with a chapter on the growing area of expert witnessing and admissible evidence in environmental litigation an area of law where success or failure increasingly depends on the exacting preparation and presentation of expert scientific evidence written by a professional mining and geological engineer and a practicing attorney environmental law for engineers and geoscientists prepares students for the numerous environmental regulatory encounters they can expect when dealing with various statutes laws regulations and agency rules that govern affect and apply to environmental engineering projects it provides a working knowledge of how to judge whether or not a project is in compliance with regulations and how to ensure that it is

**Environmental Law for Engineers and Geoscientists** 2018-10-08 covers the fundamentals of all currently used methods seismic electrical electromagnetic gravity magnetic borehole logging and remote sensing and pays special attention to the seismic refraction and electrical resistivity techniques which are the ones most commonly used in engineering and groundwater geophysics the main changes in this new edition of applied geophysics for engineers and geologists apart from a general updating and conversion to si units is a more extensive treatment of electromagnetic and induced polarisation methods and of geophysical borehole logging the seismic reflection method is also treated more fully in view of its great importance in petroleum prospecting problems with answers are also included taken together the changes are so great that this is virtually a new book as is suggested by the change in title

**Statistics for Petroleum Engineers and Geoscientists** 1997 this book is a relatively short but comprehensive guide to professional ethics and law that is primarily intended as study material for all those who need to take the national professional practice examination nppe it can be used as a textbook for a one term undergraduate course on the subject it may also prove to be a valuable and handy reference for practicing engineering or geoscience professionals its text addresses the issues that have been observed with some annoyance by many candidates studying for the nppe to become professional engineers and geoscientists overwhelmed by the 1300 pages of official study materials unable to match the nppe syllabus to the study materials disappointed to find missing nppe syllabus topics from those 1300 pages frustrated at having to do additional research to cover those missing topics having a hard time monitoring your progress if your answers are yes then this book is definitely for you 240 pages all topics covered no further research needed it matches and follows the syllabus having the proper study aid makes a huge difference when it comes to mastering the required concepts while reading this book you will know exactly how much of the nppe syllabus you have covered a glance at the table of contents will lead you to the topic you want

**A Safe and Prosperous Future** 2006-01-01 an overview of the processes related to geopressure development prediction and detection using state of the art tools and technologies

**Applied Geophysics for Geologists and Engineers** 2013-10-22 river ice affects most streams in the northern hemisphere for several months each winter and is often responsible for severe floods and infrastructure damage consequently an understanding of river ice processes and hydraulics is essential for civil engineers who are involved in designing engineering works in and around natural streams this book offers knowledge and advice on river ice process and hydraulics and is designed to be both an educational tool for civil engineers having no previous knowledge of river ice as well as a handbook for practitioners seeking specific techniques for monitoring and analysis of rivers affected by ice

Engineering & Geoscience - NPPE 2021-10 this fascinating work makes the link between the rarified world of maths and the down to earth one inhabited by engineers it introduces and explains classical and modern mathematical procedures as applied to the real problems confronting engineers and geoscientists written in a manner that is understandable for students across the breadth of their studies it lays out the foundations for mastering difficult and sometimes confusing mathematical methods arithmetic examples and figures fully support this approach while all important mathematical techniques are detailed derived from the author s long experience teaching courses in applied mathematics it is based on the lectures exercises and lessons she has used in her classes

**Quantitative Analysis of Geopressure for Geoscientists and Engineers** 2021-03-11 discussing all aspects of offshore surveying in a single volume this book provides all algorithms necessary to develop complete software suites and gives a large number of quality control criteria it is invaluable to professional surveyors offshore engineers and geophysicists providing them with a wealth of data in a single volume it is also a valuable reference work for hydrographic surveyors seismic navigators and operations geophysicists this book brings together information on spheroids datums projections and binning gives a complete listing of ukooa p1 90 and p2 91 formats for data transfer a field guide to the calibration of radio navigation systems and compasses acoustic and laser measuring devices gps including calibration use and differential techniques field manual for quality control of all aspects of offshore surveying listing of typical specifications for inclusion in survey contracts and a comprehensive glossary of relevant terms for offshore surveying

*Applied Geophysics for Engineers and Geologists* 1965 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

**An Introduction to River Ice Engineering** 2016-01-01 introduces the fundamental principles of applied earth science needed for engineering practice with case studies exercises and online solutions

*Mathematical Methods for Engineers and Geoscientists* 2008-01-22 this book highlights the fundamental and applied aspects of geoscience that an engineer and geologist would

need to be effective in the upstream petroleum industry geoscience is integral to exploration and production of petroleum and a good understanding of the subject enables petroleum engineers to execute their tasks effectively in an interdisciplinary and collaborative environment most petroleum engineers lack a geological perspective owing to their increased focus on core engineering disciplines and evaluate rocks from a mechanical object at the same time books in geoscience which are currently available for undergraduate education are written for educating geologists only this book aims to provide geoscience fundamentals as required by engineers and geologists to prepare for a career in the upstream petroleum industry

Manual of Offshore Surveying for Geoscientists and Engineers 2012-12-06 here is a basic introduction to lattice boltzmann models that emphasizes intuition and simplistic conceptualization of processes while avoiding the complex mathematics that underlies lb models the model is viewed from a particle perspective where collisions streaming and particle particle particle surface interactions constitute the entire conceptual framework beginners and those whose interest is in model application over detailed mathematics will find this a powerful quick start guide example simulations exercises and computer codes are included

Encyclopedia of Engineering Geology 2018-08-03 reservoir characterization as a discipline grew out of the recognition that more oil and gas could be extracted from reservoirs if the geology of the reservoir was understood prior to that awakening reservoir development and production were the realm of the petroleum engineer in fact geologists of that time would have felt slighted if asked by corporate management to move from an exciting exploration assignment to a more mundane assignment working with an engineer to improve a reservoir's performance slowly reservoir characterization came into its own as a quantitative multidisciplinary endeavor requiring a vast array of skills and knowledge sets perhaps the biggest attractor to becoming a reservoir geologist was the advent of fast computing followed by visualization programs and theaters all of which allow young geoscientists to practice their computing skills in a highly technical work environment also the discipline grew in parallel with the evolution of data integration and the advent of asset teams in the petroleum industry finally reservoir characterization flourished with the quantum improvements that have occurred in geophysical acquisition and processing techniques and that allow geophysicists to image internal reservoir complexities

**Geological Survey of Canada, Open File 6981** 2019-01-24 all engineering structures react with the ground and most structures make use of materials extracted from the earth while an engineer cannot be expected to be also an expert geologist he must have a working knowledge of the subject if his structures are to be economically designed safely built and safely used he must also be able to recognise where and when he needs the advice of a specialist a manual of applied geology is designed as a guide for practising engineers a team of distinguished engineers and scientists has been assembled to present the basic information which an engineer needs and to explain how best to use this information to deal with problems in his work chapters cover general theory formation of rocks their properties and identification landforms and soils geophysical methods maps and other information sources the particular problems of terrain evaluation site selection and investigation and common construction problems including groundwater control stability foundations and underground work are examined and there are chapters on materials and hydrogeology aimed principally at the engineer who is meeting geological problems in his everyday work this generously illustrated volume will also be useful as an introduction to the subject for first degree engineering students

Earth Science for Civil and Environmental Engineers 2023 practical law of architecture engineering and geoscience 3ce the choice of professional engineers across canada practical law presents the most up to date concepts and changes in the legal field while presenting new case studies and new coverage of topics such as quebec law international law the relationship between ethics and the law breach of confidentiality and safety and professional liability issues related to the criminal code of canada the new third canadian edition of practical law prepares students for their professional exams the text contains the content necessary to ensure that engineers are prepared for their professional examinations and offers online practice tests to reinforce learning it is appropriate for one semester ethics or law classes taught in engineering architecture geoscience and construction departments

**Geoscience for Petroleum Engineers** 2007-04-05 mentoring is very much more than simple one to one informal instruction or what used to be called coaching modern mentoring techniques are modelled on those of executive coaching as well as expert academic tutoring mentoring is simple but not necessarily easy an estimated 40 of all mentoring schemes fail through lack of mentor training and understanding no great effort is required to study the literature but for mentoring to be effective adherence to basic principles and exercising specific skills is absolutely necessary the book provides an introduction to what we mean by mentoring and its basic skills skilful questioning active listening building trust self management and giving advice and feedback it further covers mentoring principles how to conduct mentoring sessions and a wide range of practical applications the final chapter gives the outlines and principles for creating a basic mentoring scheme within an organisational context this book is written for those practitioners in science technology engineering and mathematics the stem fields who have been pitched into the role of mentor without any prior training its objective is to alleviate anxiety frustration and stress caused by not knowing exactly what is expected in offering an introduction to mentoring it gives practical guidance as a quick and easy read

*Lattice Boltzmann Modeling* 2006-11-03 environmental and engineering geology is a component of encyclopedia of environmental and ecological sciences engineering and technology resources in the global encyclopedia of life support systems eolss which is an integrated compendium of twenty one encyclopedias the theme on environmental and engineering geology with contributions from distinguished experts in the field discusses matters of great relevance to our world such as engineering and environmental geology and their importance in our life it also includes a discussion of some new applications of geoscience such as medical geology forensic geology use of underground space for human occupancy and geoinformatics these four volumes are aimed at the following five major target audiences university and college students educators professional practitioners research personnel and policy analysts managers and decision makers and ngos

Stratigraphic reservoir characterization for petroleum geologists, geophysicists, and engineers 1976 geoscience is a fundamental natural science discipline dealing with the origin evolutionary history and behaviour of the planet earth as a result of its complicated and complex nature the earth system not only provides the necessary materials and environment for mankind to live but also brings many types of natural disasters such as earthquakes volcanic eruptions tsunamis floods and tornadoes to mention just a few with the ever increasing demand for improving our living standards it has been recognized that the existing natural resources will be exhausted in the near future and that our living environments are in fact deteriorating to maintain the sustainable development of our living standards and the further improvement of our living environments an inevitable and challenging task that geoscientists are now confronting is how accurately to predict not only the occurrences of these natural disasters but also the locations of large concealed natural resources in the deep earth for this reason geoscientists must study the processes rules and laws by which the earth system operates instead of simply describing and observing geoscience phenomena *Manual of Applied Geology for Engineers* 2015-10-01 the ongoing population growth is resulting in rapid urbanization new infrastructure development and increasing demand for the earth's natural resources e.g. water oil gas minerals this together with the current climate change and increasing impact of natural hazards imply that the engineering geology profession is called upon to respond to new challenges it is recognized that these challenges are particularly relevant in the developing and newly industrialized regions the idea behind this volume is to highlight the role of engineering geology and geological engineering in fostering sustainable use of the earth's resources smart urbanization and infrastructure protection from geohazards we selected 19 contributions from across the globe 16 countries five continents which cover a wide spectrum of applied interdisciplinary and multidisciplinary research from geology to engineering by illustrating a series of practical case studies the volume offers a rather unique opportunity to share the experiences of engineering geologists and geological engineers who tackle complex problems working in different environmental and social settings the specific topics addressed by the authors of chapters included in the volume are the following pre design site investigations physical and mechanical properties of engineering soils novel affordable sensing technologies for long term

geotechnical monitoring of engineering structures slope stability assessments and monitoring in active open cast mines control of environmental impacts and hazards posed by abandoned coal mines assessment of and protection from geohazards landslides ground fracturing coastal erosion applications of geophysical surveying to investigate active faults and ground instability numerical modeling of seabed deformations related to active faulting deep geological repositories and waste disposal aquifer assessment based on the integrated hydrogeological and geophysical investigation use of remote sensing and gis tools for the detection of environmental hazards and mapping of surface geology this volume is part of the proceedings of the 1st geomeast international congress and exhibition on sustainable civil infrastructures egypt 2017

Practical Law of Architecture, Engineering, and Geoscience 2021-07-29 this fourth volume of five from the june 1997 conference was much delayed the first four volumes were published in 1997 it comprises 23 special lectures solicited for the conference on various aspects of problematic soils natural and man made hazards urban and regional planning waste disposal mines and quarries large engineering works and protection of geological geographical historical and architectural heritage there is no subject index annotation copyrighted by book news inc portland or

Mentoring Scientists and Engineers 2011-12-05 bridges the gap between geology and ground engineering high quality geological models are crucial for ground engineering projects but many engineers are not always at ease with the geological terminology and analysis presented in these models nor with their implications and limitations project engineers need to have a sound comprehension of the geological models presented to them and to be able to discuss the models in so far as they might impinge on the design safety and possible budgetary or time constraints of the project they should also fully understand how site investigation data and samples are used to develop and substantiate geological models geology for ground engineering projects provides a comprehensive presentation of and insight into the critical geological phenomena that may be encountered in many engineering projects for example rock contact relationships weathering and karst phenomena in tropical areas composition of fault zones and variability of rock discontinuities examples are provided from around the world including southeast asia europe north and south america china and india comprehensive and well illustrated this definitive book describes the important geological phenomena that could affect ground engineering projects provides a practical knowledge base for relevant geological processes addresses common geological issues and concerns rocks are described in relation to the environment of their formation highlighting the variation in composition distribution and geotechnical properties that can be expected within a variety of rock associations case studies where geology has been a vital factor are included these are written by the project engineers or geologists responsible for the projects geology for ground engineering projects is well illustrated with color diagrams and photographs readers are directed to satellite images of selected areas to explore for themselves many of the geological features described in this book

ENVIRONMENTAL AND ENGINEERING GEOLOGY -Volume III 1969 while many engineering books speak to doing engineering precious few focus on the concept of being an engineer hence this book which is a reflection on the human side of engineering the contents are drawn from two different but parallel columns ron britton wrote for the keystone professional the official magazine of engineers geoscientists manitoba formerly the association of professional engineers and geoscientists of manitoba the thoughts on design column started in 2001 as an explanation of the opportunities provided by the award of one of the first natural sciences and engineering research council of canada chairs in design engineering the engineering philosophy 101 column came about in 2006 following a discussion relating to the philosophical foundations of engineering ethics consequently this is a book about how one engineer has reacted to circumstances that involve engineers either directly or peripherally including engineering successes and failures it reflects on how engineers should and hopefully do fit into and contribute to our ever changing world speaks to the privileges and responsibilities society has provided the profession in exchange for the right to self government within that profession and reflects on the constraints of professional practice and the creative possibilities that parallel those limitations

Applied Geophysics for engineers and geologists 1975 with the ever increasing developmental activities as diverse as the construction of dams roads tunnels underground powerhouses and storage facilities petroleum exploration and nuclear

repositories a more comprehensive and updated understanding of rock mass is essential for civil engineers engineering geologists geophysicists and petroleum and mining engineers though some contents of this vast subject are included in undergraduate curriculum there are full fledged courses on rock mechanics rock engineering in postgraduate programmes in civil engineering and mining engineering much of the material presented in this book is also taught to geology and geophysics students in addition the book is suitable for short courses conducted for teachers practising engineers and engineering geologists this book with contributions from a number of authors with expertise and vast experience in various areas of rock engineering gives an in depth analysis of the multidimensional aspects of the subject the text covers a wide range of topics related to engineering behaviour of rocks and rock masses their classifications interpretation of geological mapping of joints through stereographic projection in situ stress measurements laboratory and field tests stability of rock slopes foundations of structures including dams and support systems for underground excavations the second edition has been enriched with new topics such as minimum overburden on pressure tunnels pressure around vertical cylindrical shaft thickness of steel lining and penetration rate from joint factor what distinguishes the text is the application of numerical methods to solve various problems by discrete element and equivalent material concepts interpretations of geomechanics modelling test data excavation methods ground improving methods and use of roadheaders and tbms the book provides an excellent understanding of how to solve problems in rock engineering and should immensely benefit students teachers professionals and designers alike

Applied Geophysics for Engineers and Geologists 2009-04-21 developments in engineering geology is a showcase of the diversity in the science and practice of engineering geology all branches of geology are applicable to solving engineering problems and this presents a wide frontier of scientific opportunity to engineering geology in practice diversity represents a different set of challenges with the distinctive character of the profession derived from the crossover between the disciplines of geology and engineering this book emphasizes the importance of understanding the geological science behind the engineering behaviour of a soil or rock it also highlights a continuing expansion in the practice areas of engineering geology and illustrates how this is opening new frontiers to the profession thereby introducing new knowledge and technology across a range of applications this is initiating an evolution in the way geology is modelled in engineering geohazard and environmental studies in modern and traditional areas of engineering geology

*Fundamentals of Computational Geoscience* 2017-07-11 if you have an interest in geohazards and the repercussions of human intervention this book will provide you with fresh insights into exciting challenges you will learn about natural hazards like rockfall landslides and subsidence while also exploring safe and cost effective construction the mapping of contaminated sites the remediation of post mining landscapes and the storage of hazardous waste organized into three stages this book presents the interdisciplinary field of engineering geology it starts with the fundamentals then explores the expansive domain of site investigation and finally applies the acquired knowledge to practical scenarios you will also discover how engineering geology contributes to contemporary issues such as sustainable raw material use the green energy transition the water crisis and climate adaptation the concluding chapter delves into utopias some of which are potentially feasible like a tunnel through the atlantic inhabitable islands made of plastic waste or towers breaking height records engineering geology navigates readers through a myriad of practical examples showcasing both impressive projects and cautionary tales of costly failures whose causes are thoroughly examined and analyzed the book features approximately one hundred worked out exercises offering readers an immersive experience across various topics following each chapter practical exercises and suggestions for further reading are provided with its excellent illustration through numerous diagrams tables drawings and photos this textbook caters to engineers and geoscientists as well as students and practitioners this book is a supplemented translation of the original german 3rd edition ingenieurgeologie by dieter d genske published by springer verlag gmbh germany part of springer nature in 2021 the translation was done with the assistance of artificial intelligence machine translation by the service deepl com subsequent human revision primarily focused on content resulting in a stylistically distinct read compared to a conventional translation springer nature continually works to advance

tools for book production and related technologies to support authors a conventional translation springer nature continually works to advance tools for book production and related technologies to support authors a conventional translation springer nature continually works to advance tools for book production and related technologies to support authors a conventional translation springer nature continually works to advance tools for book production and related technologies to support authors a conventional translation springer nature continually works to advance tools for book production and related technologies to support authors

*Engineering Geology and Geological Engineering for Sustainable Use of the Earth's Resources, Urbanization and Infrastructure Protection from Geohazards* 1997 engineer geologic mapping is a guide to the principles concepts methods and practices involved in geological mapping as well as the applications of geology in engineering the book covers related topics such as the definition of engineering geology principles involved in geological mapping methods on how to make engineering geological maps and rock and soil description and classifications also covered in the book are topics such as the different kinds of engineering geological mapping the zoning concept in engineering geological mapping terrain evaluation construction sites and land and water management the text is recommended for engineers and geologists who would like to be familiarized with the concepts and practices involved in geological mapping

*Engineering Geology and the Environment* 2017 geologists and civil engineers related to infrastructure planning design and building describe professional practices and engineering geological methods in different european infrastructure projects

*Geology for Ground Engineering Projects* 2017-07-31 rivermorphology deals with the interaction between flowing waters in rivers and their environment based on the representation of basic flow parameters the geometry classification and historic development of rivers are treated any change in the environment occurring naturally or caused by man leads to very sensitive reactions in river flow and transport thus this synopsis of geoscientific studies and hydraulic engineering experience is presented to help develop the understanding of how to handle nature with care

**On Design** 2010-08 geology applied to engineering bridges the gap between the two fields through its versatile application of the physical aspects of geology to engineering design and construction the second edition elucidates real world practices concerns and issues for today s engineering geologists and geotechnical engineers both undergraduate and graduate students will benefit from the book s thorough coverage as will professionals involved in assessing sites for engineering projects evaluating construction materials developing water resources and conducting tests using industry standards west and shakoor offer expanded coverage of important topics such as slope stability and ground subsidence and significant fields in engineering geology such as highways dams tunnels and rock blasting in order to allow for the diverse backgrounds of geologists and engineers material on the properties of minerals rocks and soil provides a working knowledge of applied geology as a springboard to more comprehensive subjects in engineering example problems throughout the text demonstrate the practical applications of soil mechanics rock weathering and soils structural geology groundwater and geophysics thought provoking and challenging exercises supplement core concepts such as determining shear strength and failure conditions calculating the depth needed for borings reading and analyzing maps and constructing stratigraphic cross sections

**Engineering in Rocks for Slopes, Foundations and Tunnels** 2016-10-12 what story would eve have told about picking the apple why is pandora blamed for opening the box and what about the fate of cassandra who was blessed with knowing the future but cursed so that no one believed her what if women had been the storytellers elizabeth lesser believes that if women s voices had been equally heard and respected throughout history humankind would have followed different hero myths and guiding stories stories that value caretaking champion compassion and elevate communication over vengeance and violence cassandra speaks is about the stories we tell and how those stories become the culture it s about the stories we still blindly cling to and the ones that cling to us the origin tales the guiding myths the religious parables the literature and films and fairy tales passed down through the centuries about women and men power and war sex and love and the values we live by stories written mostly by men with lessons and laws for all of humanity we have outgrown so many of them and still they endure this book is



about what happens when women are the storytellers too when we speak from our authentic voices when we flex our values when we become protagonists in the tales we tell about what it means to be human lesser has walked two main paths in her life the spiritual path and the feminist one paths that sometimes cross but sometimes feel at cross purposes cassandra speaks is her extraordinary merging of the two the bestselling author of broken open and marrow lesser is a beloved spiritual writer as well as a leading feminist thinker in this book she gives equal voice to the cool water of her meditative self and the fire of her feminist self with her trademark gifts of both humor and insight she offers a vision that transcends the either or ideologies on both sides of the gender debate brilliantly structured into three distinct parts part one explores how history is carried forward through the stories a culture tells and values and what we can do to balance the scales part two looks at women and power and expands what it means to be courageous daring and strong and part three offers a toolbox for inner strength lesser argues that change in the culture starts with inner change and that no one woman or man is immune to the corrupting influence of power she provides inner tools to help us be both strong willed and kind hearted cassandra speaks is a beautifully balanced synthesis of storytelling memoir and cultural observation women men and all people will find themselves in the pages of this book and will come away strengthened opened and ready to work together to create a better world for all people

**Developments in Engineering Geology** 2024-07-12 steve hencher presents a broad and fresh view on the importance of engineering geology to civil engineering projects practical engineering geology provides an introduction to the way that projects are managed designed and constructed and the ways that the engineering geologist can contribute to cost effective and safe project achievement the need for a holistic view of geological materials from soil to rock and of geological history is emphasised chapters address key aspects of geology for engineering and ground modelling site investigation and testing of geological materials geotechnical parameters design of slopes tunnels foundations and other engineering structures identifying hazards avoiding unexpected ground conditions the book is illustrated throughout with case examples and should prove useful to practising engineering geologists and geotechnical engineers and to msc level students of engineering geology and other geotechnical subjects

Engineering Geology 2013-10-22 the principles of geology and their applications to civil engineering works are covered in this book which provides engineering and geology students with an understanding of the importance of each other s discipline

**Engineering Geological Mapping** 2004-04-22

*Engineering Geology for Infrastructure Planning in Europe* 2013-06-29

**River Morphology** 2018

**Geology Applied to Engineering** 2020-09-15

**Cassandra Speaks** 2012-01-13

**Practical Engineering Geology** 1985

**Engineering Geology**

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