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Geology For Dummies *Oregon Geology* **Missouri Geology The Geology Book Hiking Oregon's Geology** *Geology for Kids* **Ore Deposit Geology Roadside Geology of Arizona Minnesota's Geology Geology: A Complete Introduction: Teach Yourself** Roadside Geology of Oregon *Geology* Living with Earth **Roadside Geology of Mississippi** *Introduction to Physical Geology* **Vineyards, Rocks, and Soils** Geology of Southeast Alaska **Elementary Geology** Source Book in Geology, 1900-1950 **Physical Geology** Geology for Civil Engineers Historical Geology Glencoe Earth Science **Geology of Wisconsin: Geology of the lower St. Croix district, by L.C. Wooster** *Manual of geology* Geology Illustrated **The Elements of Geology Geology of the Sierra Nevada Geology of Michigan** *1872-[1901] The Geology of Minnesota* **The Geology of Minnesota** Proceedings of the Estonian Academy of Sciences, Geology **The First One Hundred Years of American Geology Principles of Geology** American Geologists and Their Geology **Physical Geology: Investigating Earth Geologists and the History of Geology: Bibliography Aerial Geology The Geology of New Hampshire: (pt.2) Stratigraphical geology The Pan-American Geologist**

"Elements of Geology" is a classic geology textbook by W.H. Norton. It views such issues as the scope and aim of geology, how the weather influences geology, the work of groundwater, rivers, and valleys, the work of glaciers, wind, the sea, and its shores. "Physical Geology is a comprehensive introductory text on the physical aspects of geology, including rocks and minerals, plate tectonics, earthquakes, volcanoes, glaciation, groundwater, streams, coasts, mass wasting, climate change, planetary geology and much more. It has a strong emphasis on examples from western Canada, especially British Columbia, and also includes a chapter devoted to the geological history of western Canada. The book is a collaboration of faculty from Earth Science departments at Universities and Colleges across British Columbia and elsewhere"--BCcampus website. Studies the land and waters of Michigan An introductory chapter briefly reviews Arizona's geology followed by a series of road guides with the local particulars. The authors tell you what the rocks are and what they mean. Useful graphics and charts supplement the text and help you to understa It's a little-known fact, but Mississippi has a volcano. True, it's buried under 2,600 feet of sediment, but it was red hot and active roughly 79 to 69 million years ago and evidence of its bulging remains is visible in the Jacksonville. Mississippi emerged along the edge of a massive tear that formed as tectonics tried to rip the continent asunder. The full rift was never realized, but like a crack in a foundation, everything built on top of it has been affected. The failed rift became a linear basin, stretching from Illinois to the Gulf of Mexico. "Intended for the general reader, Missouri Geology is a well-illustrated introduction to the fascinating geology of Missouri."--Publishers website. Vol. 1 includes a history of exploration in the White Mountains by Warren Upham; The distribution of insects, by Samuel H. Scudder; The distribution of plants, by William F. Flint; and a natural history of the Diatomaceae by A. Mead Edwards. “Get your head into the clouds with Aerial Geology.” —The New York Times Book Review Aerial Geology is an up-in-the-sky exploration of North America’s 100 most spectacular geological formations. Crisscrossing the continent from the Aleutian Islands in Alaska to the Great Salt Lake in Utah and to the Chicxulub Crater in Mexico, Mary Caperton Morton brings you on a fantastic tour, sharing aerial and satellite photography, explanations on how each site was formed, and details on what makes each landform noteworthy. Maps and diagrams help illustrate the geological processes and clarify scientific concepts. Fact-filled, curious, and way more fun than the geology you remember from grade school, Aerial Geology is a must-have for the insatiably curious, armchair geologists, million-mile travelers, and anyone who has stared out the window of a plane and wondered what was below. What processes and physical materials have shaped the planet we live on? Why do earthquakes happen? And what can geology teach us about contemporary issues such as climate change? From volcanoes and glaciers to fossils and rock formations, this user-friendly book gives a structured and thorough overview of the geology of planet Earth and beyond. Geology: A Complete Introduction outlines the basics in clear English, and provides added-value features like a glossary of the essential jargon terms, links to useful websites, and examples of questions you might be asked in a seminar or exam. Topics covered include the Earth's structure, earthquakes, plate tectonics, volcanoes, igneous intrusions, metamorphism, weathering, erosion, deposition, deformation, physical resources, past life and fossils, the history of the Earth, Solar System geology, and geological fieldwork. There are useful appendices on minerals, rock names and geological time. Whether you are preparing for an essay, studying for an exam or simply want to enrich your hobby or expand your knowledge, Geology: A Complete Introduction is your essential guide. David Rothery is a volcanologist, geologist, planetary scientist and Professor of Planetary Geosciences at the Open University. He has done fieldwork in the UK, USA, Australia, Oman, Chile and Central America, and visited many other parts of the world. Authors of Physical Geology: Investigating Earth present the material in a clear, consistent voice, appropriately focusing on the core concepts of physical geology, with an emphasis on plate tectonics and the dynamic nature of Earth. The engaging examples and images throughout the text enhance students' understanding and appreciation of physical geology. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Get a rock-solid grasp on geology Geology For Dummies is ideal reading for anyonewith an interest in the fundamental concepts of geology, whether they're lifelong learners with a fascination for the subject or college students interested in pursuing geology or earth sciences. Presented in a straightforward, trusted format—and tracking to a typical introductory geology course at the college level—this book features a thorough introduction to the study of earth, its materials, and its processes. Rock records and geologic time Large-scale motion of tectonic plates Matter, minerals, and rocks The geological processes on earth's surface Rock that geology class with Geology For Dummies! Basic study of geology do for students in grades 5-9. Jurassic, basalt, moraine, flint, alluvial, magma: what are these words and what do they have to do with wine? The answers are here in this book. They are geological terms that reflect a bond between wine and the land. Understanding geology, however, is tricky. Geological concepts are obscure; processes can be imperceptibly slow, invisible, and unimaginably ancient. The terminology is formidable, such that even the names of common rocks carry an air of mystery. Geology is introduced plainly, starting with basic principles, all in the context of wine. The emphasis is on the kinds of processes that shape vineyards, and on the minerals, rocks and soils that host the vines. Geological words now commonly seen in wine writings are systematically explained. You will learn the stories behind some of the names, the human face of geology. The book also explores how the geology-wine connection manifests in the finished product and evaluates its importance, particularly in the contexts of minerality, terroir, and wine taste. The fact is that geology is increasingly being promoted in the world of wine; the aim here is to help it be properly understood. Pictorially develops the main principles of physical and historical geology. Rocks firmly anchored to the ground and rocks floating through space fascinate us. Jewelry, houses, and roads are just some of the ways we use what has been made from geologic processes to advance civilization. Whether scrambling over a rocky beach, or gazing at spectacular meteor showers, we can't get enough of geology! The Geology Bookwill teach you: What really carved the Grand Canyon. How thick the Earth's crust is. The varied features of the Earth's surface - from plains to peaks. How sedimentary deposition occurs through water, wind, and ice. Effects of erosion. Ways in which sediments become sedimentary rock. Fossilization and the age of the dinosaurs. The powerful effects of volcanic activity. Continental drift theory. Radioisotope and carbon dating. Geologic processes of the past. Our planet is a most suitable home. Its practical benefits are also enhanced by the sheer beauty of rolling hills, solitary plains, churning seas and rivers, and majestic mountains - all set in place by processes that are relevant to today's entire population of this spinning rock we call home. Describes the geological processes that formed and continue to shape the California mountain range and provides a handy guide to good locations for viewing major geological features This seasoned textbook introduces geology for civil engineering students. It covers minerals and rocks, superficial deposits and the distribution of rocks at or below the surface. It then looks at groundwater and gives guidance on the exploration of a site before looking at the civil engineering implications of rocks and the main geological factors which affect typical engineering projects. This book systematically describes and illustrates major ore deposit types, and links deposits to geological settings and the processes behind their formation. Key Terms Questions for Review Answers to in-Chapter Insight Questions -- Chapter 3 The Dynamic Geosphere and Plate Tectonics -- 3.1 Early Thoughts About Moving Continents -- Setting the Stage -- Alfred Wegener and Continental Drift -- 3.2 Explaining Moving Continents-Plate Tectonics -- Wandering Magnetic Poles -- Exploring the Ocean Basins -- Seafloor Spreading -- Magnetic Stripes -- Earthquakes Provide Another Test -- Plate Tectonics Today -- In The News -- Watching Earth Move -- 3.3 Plate Boundaries-Where the Action Is -- Divergent Plate Boundaries -- Convergent Plate Boundaries Combine hiking and geology interests to have more fun in on the trail This text is a brief version of Thompson & Turk's "Modern Physical Geology". It offers professors a more streamlined alternative to the longer introductory text. It emphasizes human-environment interactions and discusses the latest research in physical geology. An entertaining and revealing guide to the landscape of Southeast Alaska comes complete with color illustrations revealing millions of years of geological history and in-depth descriptions of Sitka, Juneau, and Glacier Bay. Original. Have you ever wondered how the Mississippi River was formed? Or why shark teeth have been found in the Iron Range of the Upper Midwest? Towering mountain ranges, explosive volcanoes, expansive glaciers, and long-extinct forms of both land and sea life were an important part of Minnesota's ancient history. Today the evidence of this remarkable heritage is revealed in the state's rocky outcroppings, stony soils, and thousands of lakes. Offering comprehensive content for the historical geology course, HISTORICAL GEOLOGY provides students with an understanding of the principles of historical geology and how these principles are applied in unraveling Earth's history. Students will learn and understand the underlying causes of why things happened and the way they did, and how all of Earth's systems and subsystems are interrelated. Students will understand the relevancy of Earth's history as part of a dynamic and complex integrated system, not as a series of isolated and unrelated events Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Since 1900, the science of geology has grown in a spectacular fashion. Not only have field studies been undertaken throughout vast areas of the earth's surface previously unexplored or only superficially surveyed, but recent discoveries in physics, chemistry, and biology have provided geologists with new techniques of observation and experimentation, and radically new concepts and theories have been developed. This book presents source literature for the most important contributions to this remarkable expansion of geological knowledge. One of the world's most distinguished geologists provides excerpts from sixty-five articles by sixty-three authors, selected with the advice of more than a score of leading scientists from all parts of the globe. Among the subjects discussed in this comprehensive volume are the constitution of the earth's interior, the causes of earthquakes, radioactive timekeepers, the interpretation of submarine features and deep-sea cores, the origin and entrapment of petroleum, and crystal structure. Included are articles which led directly to the development of theories of paleomagnetism, metamorphism, cryopedology, and isostasy. A Source Book in Geology, 1900-1950, makes available several papers previously to be found in the libraries of only a few universities, and eight articles translated into English for the first time, of which four are by leading Soviet geologists. Easy-to-read, rhyming text depicts different animals dancing. An introductory chapter briefly reviews Oregon's geology followed by a series of road guides with the local particulars. The authors tell you what the rocks are and what they mean. Useful graphics and charts supplement the text and help you to understan