Exploring Management, 5th Edition

The Data Warehouse Toolkit

Shaping a Nation

Exploring the World through Data: Exploring the World through Data, by Gould/Ryan. Exploring the World through Data We live in a data-driven world, and the goal of this text is to teach students how to access and analyze these data critically. Authors Rob Gould, Colleen Ryan, and Rebecca Wong want students to develop a “data habit of mind” because learning statistics is an essential life skill that extends beyond the classroom. Regardless of their math backgrounds, students will learn how to think about data and how to reason using data. With a clear, unimimidating writing style and carefully chosen pedagogy, this text makes data analysis accessible to all students. Also available with MyStatLab and MyStatLab (tm) from Pearson is the world's leading online resource for teaching and learning statistics, integrating interactive homework, assessment, and media in a flexible, easy-to-use format. MyStatLab is a course management system that delivers improving results in helping individual students succeed. Note: You are purchasing a standalone product; MyStatLab (tm) & M astering (tm) does not come packaged with this content. Students, if interested in purchasing this title with MyLab & M astering, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MyLab & M astering, search for: 0134466012 / 9780134466019 Essential Statistics Plus MyStatLab with Pearson eText -- Access Card Package Package consists of: 0134134400 / 9780134134406 Essential Statistics
Next Generation Science Standards

This should be the last course a student takes before high school biology. Typically, we recommend that the student take this course during the same year that he or she is taking prealgebra. Exploring Creation With Physical Science provides a detailed introduction to the physical environment and some of the basic laws that make it work. The fairly broad scope of the book provides the student with a good understanding of the earth's atmosphere, hydrosphere, and lithosphere. It also covers details on weather, motion, Newton's Laws, gravity, the solar system, atomic structure, radiation, nuclear reactions, stars, and galaxies. The second edition of our physical science course has several features that enhance the value of the course: * There is more color in this edition as compared to the previous edition, and many of the drawings that are in the first edition have been replaced by higher-quality drawings. * There are more experiments in this edition than there were in the previous one. In addition, some of the experiments that were in the previous edition have been changed to make them even more interesting and easy to perform. * Advanced students who have the time and the ability for additional learning are directed to online resources that give them access to advanced subject matter. * To aid the student in reviewing the course as a whole, there is an appendix that contains questions which cover the entire course. The solutions and tests manual has the answers to those questions. Because of the differences between the first and second editions, students in a group setting cannot use both. They must all have the same edition. A further description of the changes made to our second edition courses can be found in the sidebar on page 32.

Discovering the Scientist Within

"Shaping a nation : a geology of Australia is the story of Australia's geological evolution as seen through the lens of human impacts, illustrating both the challenges and opportunities presented by Australia's rich geological heritage" -- Dustjacket blurb.

Essentials of Geology

This new stand-alone edition of Geotours Workbook contains nineteen active-learning tours that take students on virtual field trips to see outstanding examples of geology around the world.

Physical Geology

Teaching About Evolution and the Nature of Science

Short and to-the-point, A Pocket Guide to College Success, offers practical coverage on the topics typically covered in a full-size college success text, from academic skills like managing your time, critical thinking, and note taking to life skills such as money management, stress reduction, and pursuing your career path. The second edition of A Pocket Guide to College Success provides additional support on the transition to college as well as features new coverage on motivation, mindset, and goal-setting to help students be successful from the start. With even more emphasis on asking questions, this text focuses on helping students ask the right questions to the right people so that they can drive their own college success.

Exploring Geology
Energy and the Environment, 3rd Edition examines several critical topics of global importance associated with our increasing use of resource consumption and its impact on our environment. Author, Jeffrey Brack, provides updated information on pivotal issues that surround the study of energy through the exploration of basic concepts, resources applications, and problems of current interest.

**Understanding Rhetoric**

We live in a data-driven world, and the goal of this Canadian text is to teach students how to access and analyze these data critically. Canadian authors Jim Stallard and Michèle Boué emphasize that learning statistics extends beyond the classroom to an essential life skill, and want Canadian students to develop a "data habit of mind." Regardless of their math backgrounds, students will learn how to think about data and how to reason using data. With a clear, unintimidating writing style and carefully chosen pedagogy, this text makes data analysis accessible to all students. **KEY TOPICS:** Introduction to Data; Picturing Variation with Graphs; Numerical Summaries of Centre and Variation; Regression Analysis: Exploring Associations between Variables; Modelling Variation with Probability; Modeling Random Events: The Normal and Binomial Models; Survey Sampling and Inference; Hypothesis Testing for Population Proportions; Inferring Population Means; Associations between Categorical Variables; Multiple Comparisons and Analysis of Variance; Experimental Design: Controlling Variation; Inference without Normality; Inference for Regression MARKET: A textbook suitable for all introductory statistics courses

**Concepts of Biology**

Innovation and Entrepreneurship 3rd Edition is an accessible text on innovation and entrepreneurship aimed specifically at undergraduate students studying business and management studies, but also those on engineering and science degrees with management courses. The text applies key theories and research on innovation and entrepreneurship and then reviews and synthesises those theories and research to apply them in a much broader and contemporary context, including the corporate and public services, emerging technologies and economies, and sustainability and development. This third edition the authors continue to adopt an explicit process model to help organise the material with clear links between innovation and entrepreneurship. In this third edition the authors continue to adopt an explicit process model to help organise the material with clear links between innovation and entrepreneurship. This text has been designed to be fully integrated with the Innovation Portal at www.innovation-portal.info, which contains an extensive collection of additional resources for both lecturers and students, including teaching resources, case studies, media clips, innovation tools, seminar and assessment activities and test questions.

**Exploring Physical Geography**

**Ancient Environments and the Interpretation of Geologic History**

**Innovation and Entrepreneurship**

This is a hands-on book about ArcGIS that you work with as much as read. By the end, using Learn ArcGIS lessons, you'll be able to say you made a story map, conducted geographic analysis, edited geographic data, worked in a 3D web scene, built a 3D model of Venice, and more.

**Energy and the Environment, 3rd Edition**

Humans, especially children, are naturally curious. Yet, people often balk at the thought of learning science--the "eyes glazed over" syndrome. Teachers may find teaching
science a major challenge in an era when science ranges from the hardly imaginable quark to the distant, blazing quasar. Inquiry and the National Science Education Standards is the book that educators have been waiting for—a practical guide to teaching inquiry and teaching through inquiry, as recommended by the National Science Education Standards. This will be an important resource for educators who must help school boards, parents, and teachers understand "why we can't teach the way we used to." "Inquiry" refers to the diverse ways in which scientists study the natural world and in which students grasp science knowledge and the methods by which that knowledge is produced. This book explains and illustrates how inquiry helps students learn science content, master how to do science, and understand the nature of science. This book explores the dimensions of teaching and learning science as inquiry for K-12 students across a range of science topics. Detailed examples help clarify when teachers should use the inquiry-based approach and how much structure, guidance, and coaching they should provide. The book dispels myths that may have discouraged educators from the inquiry-based approach and illuminates the subtle interplay between concepts, processes, and science as it is experienced in the classroom. Inquiry and the National Science Education Standards shows how to bring the standards to life, with features such as classroom vignettes exploring different kinds of inquiries for elementary, middle, and high school and Frequently Asked Questions for teachers, responding to common concerns such as obtaining teaching supplies. Turning to assessment, the committee discusses why assessment is important, looks at existing schemes and formats, and addresses how to involve students in assessing their own learning achievements. In addition, this book discusses administrative assistance, communication with parents, appropriate teacher evaluation, and other avenues to promoting and supporting this new teaching paradigm.

**Fundamentals of Geomorphology**

Today many school students are shielded from one of the most important concepts in modern science: evolution. In engaging and conversational style, Teaching About Evolution and the Nature of Science provides a well-structured framework for understanding and teaching evolution. Written for teachers, parents, and community officials as well as scientists and educators, this book describes how evolution reveals both the great diversity and similarity among the Earth's organisms; it explores how scientists approach the question of evolution; and it illustrates the nature of science as a way of knowing about the natural world. In addition, the book provides answers to frequently asked questions to help readers understand many of the issues and misconceptions about evolution. The book includes sample activities for teaching about evolution and the nature of science. For example, the book includes activities that investigate fossil footprints and population growth that teachers of science can use to introduce principles of evolution. Background information, materials, and step-by-step presentations are provided for each activity. In addition, this volume: Presents the evidence for evolution, including how evolution can be observed today. Explains the nature of science through a variety of examples. Describes how science differs from other human endeavors and why evolution is one of the best avenues for helping students understand this distinction. Answers frequently asked questions about evolution. Teaching About Evolution and the Nature of Science builds on the 1996 National Science Education Standards released by the National Research Council—and offers detailed guidance on how to evaluate and choose instructional materials that support the standards. Comprehensive and practical, this book brings one of today's educational challenges into focus in a balanced and reasoned discussion. It will be of special interest to teachers of science, school administrators, and interested members of the community.

**Introductory Statistics**

As the twentieth century closed, Fred Adams and Greg Laughlin captured the attention of the world by identifying the five ages of time. In The Five Ages of the Universe, Adams and Laughlin demonstrate that we can now understand the complete life story of the cosmos from beginning to end. Adams and Laughlin have been hailed as the creators of the definitive long-term projection of the evolution of the universe. Their achievement is awesome in its scale and profound in its scientific breadth. But The Five Ages of the Universe is more than a handbook of the physical processes that guided our past and will shape our future; it is a truly epic story. Without leaving earth, here is a fantastic voyage to the physics of eternity. It is the only biography of the universe you will ever need.

**Environmental Hydrogeology, Second Edition**

Helping students make connections between science and practice The World of Children helps students connect the science and the practice of child development in a way that can positively change lives. The third edition features an active learning system that exposes students to real people facing real world child development challenges. It
encourages readers to think critically about issues from multiple perspectives. The World of Children is a chronological child development text. MyPsychLab is available with World of Children, 3e. Through MyPsychLab, students have access to MyVirtualChild, an interactive web-based simulation that allows students to raise a child from birth to age 18 and monitor the effects of their parenting decisions over time. A better teaching and learning experience The teaching and learning experience with this program helps to: Personalize Learning — The new MyPsychLab delivers proven results in helping students succeed, provides engaging experiences that personalize learning, and comes from a trusted partner with educational expertise and a deep commitment to helping students and instructions achieve their goals. Improve Critical Thinking — Prompts throughout each chapter jumpstart readers' critical thinking process. Engage Students — Real-life cases encourage students apply what they are learning. Also, students can raise a child through MyVirtualChild. Explore Research — With over 600 new research citations, this new edition reflects the latest research in the field of child psychology. Understand Different Perspectives — Several perspectives are included in the reading to help students think about the content from different points of view. Support Instructors — New MyPsychLab Video Series. These cross-cultural videos feature original footage filmed in the United States, Mexico, and Botswana. Guided by series editor Ashley M. Aynard (University of Hawaii, Manoa), they show how culture impacts child development. Videos are available in multiple formats: on an instructor's DVD, tied to quizzes in MyPsychLab, and called out in the chapter with “Watch” icons. This Book a la Carte Edition is an unbound, three-hole punched, loose-leaf version of the textbook and provides students the opportunity to personalize their book by incorporating their own notes and taking the portion of the book they need to class – all at a fraction of the bound book price.

The ArcGIS Book

Mineral Exploration: Principles and Applications, Second Edition, presents an interdisciplinary approach on the full scope of mineral exploration. Everything from grass root discovery, objective base sequential exploration, mining, beneficiation, extraction, economic evaluation, policies and acts, rules and regulations, sustainability, and environmental impacts is covered. Each topic is presented using theoretical approaches that are followed by specific applications that can be used in the field. This new edition features updated references, changes to rules and regulations, and new sections on oil and gas exploration and classification, air-core drilling, and smelting and refining techniques. This book is a key resource for both academics and professionals, offering both practical and applied knowledge in mineral exploration. Offers important updates to the previous edition, including sections on the cyclical nature of mineral industry, exploration for oil and gas, CHIM-electro-geochemical survey, air-core drilling, classification of oil and gas resources, smelting, and refining technologies. Presents global case studies that allow readers to quickly apply exploration concepts to real-world scenarios. Includes 385 illustrations and photographs to aid the reader in understanding key procedures and applications.

Exploring Earth

The Fifth Edition of this bestselling textbook features stunning art, the most up-to-date science, and a wealth of online learning tools, all developed under the critical eyes of Stephen Marshak. Heavily revised with remarkably detailed photographs, animations, and maps, the text offers rich and engaging pedagogy, an expanded chapter on energy, and coverage of recent global events, from Hurricane Sandy and the Washington Landslide to Typhoon Haiyan and the Japanese Tsunami.

Understanding Earth

This extensively revised, restructured, and updated edition continues to present an engaging and comprehensive introduction to the subject, exploring the world's landforms from a broad systems perspective. It covers the basics of Earth surface forms and processes, while reflecting on the latest developments in the field. Fundamentals of Geomorphology begins with a consideration of the nature of geomorphology, process and form, history, and geomorphic systems, and moves on to discuss: structure: structural landforms associated with plate tectonics and those associated with volcanoes, impact craters, and folds, faults, and joints process and form: landforms resulting from, or influenced by, the exogenic agencies of weathering, running water, flowing ice and meltwater, ground ice and frost, the wind, and the sea; landforms developed on limestone; and landscape evolution, a discussion of ancient landforms, including palaeosurfaces, stagnant landscape features, and evolutionary aspects of landscape change. This third edition has been fully updated to include a clearer initial explanation of the nature of geomorphology, of land surface process and form, and of land-surface change over
different timescales. The text has been restructured to incorporate information on geomorphic materials and processes at more suitable points in the book. Finally, historical geomorphology has been integrated throughout the text to reflect the importance of history in all aspects of geomorphology. Fundamentals of Geomorphology provides a stimulating and innovative perspective on the key topics and debates within the field of geomorphology. Written in an accessible and lively manner, it includes guides to further reading, chapter summaries, and an extensive glossary of key terms. The book is also illustrated throughout with over 200 informative diagrams and attractive photographs, all in colour.

**Physical Geology**

Discovering the Scientist Within is the only book on the market that teaches students about research methods using a case study approach. All the design-focused chapters present students with a single study described from start to finish. Chapters start by asking students to consider a scenario and then walks them through the steps of the study: formulating a research question, performing a literature review, constructing a data collection method, considering ethics, refining the method, gathering data, understanding and reporting the statistical results. Students come away with a practical understanding of the research process and useful practice in the basic steps that comprise all studies. The book can also be purchased with the breakthrough online resource, LaunchPad, which offers innovative media content, curated and organised for easy assignability. LaunchPad's intuitive interface presents quizzing, flashcards, animations and much more to make learning actively engaging.

**Exploring the Urban Community**

Next Generation Science Standards identifies the science all K-12 students should know. These new standards are based on the National Research Council's A Framework for K-12 Science Education. The National Research Council, the National Science Teachers Association, the American Association for the Advancement of Science, and Achieve have partnered to create standards through a collaborative state-led process. The standards are rich in content and practice and arranged in a coherent manner across disciplines and grades to provide all students an internationally benchmarked science education. The print version of Next Generation Science Standards complements the nextgenscience.org website and: Provides an authoritative offline reference to the standards when creating lesson plans Arranged by grade level and by core discipline, making information quick and easy to find Printed in full color with a lay-flat spiral binding Allows for bookmarking, highlighting, and annotating

**The World of Children**

**Inquiry and the National Science Education Standards**

Utilizing graphs and simple calculations, this clearly written lab manual complements the study of earth science or physical geology. Engaging activities are designed to help students develop data-gathering skills (e.g., mineral and rock identification) and data-analysis skills. Students will learn how to understand aerial and satellite images; to perceive the importance of stratigraphic columns, geologic sections, and seismic waves; and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Mineral Exploration**

Headlines continue to blare news of climate change, tangential catastrophic events, and dwindling energy resources. Written by respected practitioners, and geared to practitioners and students, Environmental Hydrogeology, Second Edition explores the role that hydrogeology can play in solving challenging environmental problems. New in the Second Edition: Coverage of groundwater recharging Exploration of geology of sink hole prone areas A case study of how salt-water springs were drawn down to
manageable levels in the Red River Comprehensive Coverage from Trusted Experts The authors provide a complete introduction to the fast-growing and evolving field of environmental hydrogeology and its future. The second edition includes completely updated material and select new case studies. Matching the caliber of coverage found in the previous edition, the authors explore topics such as the geological aspects of disposal sites, surface water hydrogeology, groundwater hydrology and wells, environmental impacts and the hydrological system, and more. They also include types, sources, and properties of waste products, and propose waste management programs for groundwater protection. Explore Applications and Solutions Looming threats such as climate change, water pollution, acid rain, and air pollution extend beyond national boundaries and span the gaps between continents. An in-depth understanding of hydrogeology will be necessary to resolve these problems. Focusing on science rather than the regulations of any particular jurisdiction, the authors explore a variety of solutions and practical applications to issues such as groundwater recharging and protection.

**Earth**

Exploring Management supports teaching and learning of core management concepts by presenting material in a straightforward, conversational style with a strong emphasis on application. With a focus on currency, high-interest examples and pedagogy that encourages critical thinking and personal reflection, this text is the perfect balance between what students need and what instructors want.

**Exploring Creation with Biology**

"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"--BC campus website.

**Essential Statistics**

Exploring Earth Science by Reynolds/Johnson is an innovative textbook intended for an introductory college geology course, such as Earth Science. This ground-breaking, visually spectacular book was designed from cognitive and educational research on how students think, learn, and study. Nearly all information in the book is built around 2,600 photographs and stunning illustrations, rather than being in long blocks of text that are not articulated with figures. These annotated illustrations help students visualize geologic processes and concepts, and are suited to the way most instructors already teach. To alleviate cognitive load and help students focus on one important geologic process or concept at a time, the book consists entirely of two-page spreads organized into 20 chapters. Each two-page spread is a self-contained block of information about a specific topic, emphasizing geologic concepts, processes, features, and approaches. These spreads help students learn and organize geologic knowledge in a new and exciting way. Inquiry is embedded throughout the book, modeling how scientists investigate problems. The title of each two-page spread and topic heading is a question intended to get readers to think about the topic and become interested and motivated to explore the two-page spread for answers. Each chapter is a learning cycle, which begins with a visually engaging two-page spread about a compelling geologic issue. Each chapter ends with an Investigation that challenges students with a problem associated with a virtual place. The world-class media, spectacular presentations, and assessments are all tightly articulated with the textbook. This book is designed to encourage students to observe, interpret, think critically, and engage in authentic inquiry, and is highly acclaimed by reviewers, instructors, and students.

**Geotours Workbook**

Concepts of Biology is designed for the single-semester introduction to biology course for non-science majors, which for many students is their only college-level science course. As such, this course represents an important opportunity for students to develop the necessary knowledge, tools, and skills to make informed decisions as they continue with their lives. Rather than being mired down with facts and vocabulary, the typical non-science major student needs information presented in a way that is easy to read and
understand. Even more importantly, the content should be meaningful. Students do much better when they understand why biology is relevant to their everyday lives. For these reasons, Concepts of Biology is grounded on an evolutionary basis and includes exciting features that highlight careers in the biological sciences and everyday applications of the concepts at hand. We also strive to show the interconnectedness of topics within this extremely broad discipline. In order to meet the needs of today's instructors and students, we maintain the overall organization and coverage found in most syllabi for this course. A strength of Concepts of Biology is that instructors can customize the book, adapting it to the approach that works best in their classroom. Concepts of Biology also includes an innovative art program that incorporates critical thinking and clicker questions to help students understand—and apply—key concepts.

Elements of Petroleum Geology

In this book you will learn about the history of science, how to do science, the history of life, how your body works, and some of the amazing living creatures that exist in God's Creation.

Essentials of Geology

Exploring Creation with Physical Science

Stephen Reynolds, author of the highly successful Exploring Geology, brings his ground-breaking, visually spectacular approach to Exploring Physical Geography. Intended for an introductory geography course, such as Physical Geography, Reynolds Exploring Physical Geography promotes inquiry and science as an active process. It encourages student curiosity and aims to activate existing student knowledge by posing the title of every two-page spread and every subsection as a question. In addition, questions are dispersed throughout the book. Integrated into the book are opportunities for students to observe patterns, features, and examples before the underlying concepts are explained. That is, we employ a learning-cycle approach where student exploration precedes the introduction of geographic terms and the application of knowledge to a new situation. Exploring Physical Geography introduces terms after students have an opportunity to observe the feature or concept that is being named. This approach is consistent with several educational philosophies, including a learning cycle and just-in-time teaching. Research on learning cycles shows that students are more likely to retain a term if they already have a mental image of the thing being named (Lawson, 2003). Also, the figure-based approach in this book allows terms to be introduced in their context rather than as a definition that is detached from a visual representation of the term. We introduce new terms in italics rather than in boldface, because boldfaced terms on a textbook page cause students to immediately focus mostly on the terms, rather than build an understanding of the concepts. Featuring more than 2,500 photographs and illustration, Exploring Physical Geography engages students with strong visuals, unique two-page spreads, and Before You Leave This Page objectives.

A Pocket Guide to College Success

After shaking up writing classrooms at more than 550 colleges, universities, and high schools, Understanding Rhetoric, the comic-style guide to writing, has returned for a third edition! Understanding Rhetoric encourages deep engagement with core concepts of writing and rhetoric. With brand-new coverage of fake news, sourcing the source, podcasting as publishing, and support for common writing assignments, the new edition of the one and only composition comic covers what students need to know—and does so with fun and flair.

Exploring Earth Science
Discovering Statistics

Exploring Creation with General Science

Exploring Geology by Reynolds/Johnson/Morin/Carter is an innovative textbook intended for an introductory college geology course, such as Physical Geology. This groundbreaking, visually spectacular book was designed from cognitive and educational research on how students think, learn, and study. Nearly all information in the book is built around 2,600 photographs and stunning illustrations, rather than being in long blocks of text that are not articulated with figures. These annotated illustrations help students visualize geologic processes and concepts, and are suited to the way most instructors already teach. To alleviate cognitive load and help students focus on one important geologic process or concept at a time, the book consists entirely of two-page spreads organized into 19 chapters. Each two-page spread is a self-contained block of information about a specific topic, emphasizing geologic concepts, processes, features, and approaches. These spreads help students learn and organize geologic knowledge in a new and exciting way. Inquiry is embedded throughout the book, modeling how geologists investigate problems. The title of each two-page spread and topic heading is a question intended to get readers to think about the topic and become interested and motivated to explore the two-page spread for answers. Each chapter is a learning cycle, which begins with a visually engaging two-page spread about a compelling geologic issue. Each chapter ends with an Investigation that challenges students with a problem associated with a virtual place. The world-class media, spectacular presentations, and assessments are all tightly articulated with the textbook. This book is designed to encourage students to observe, interpret, think critically, and engage in authentic inquiry, and is highly acclaimed by reviewers, instructors, and students.

The Changing Earth: Exploring Geology and Evolution

This Third Edition of Elements of Petroleum Geology is completely updated and revised to reflect the vast changes in the field since publication of the Second Edition. This book is a useful primer for geophysicists, geologists, and petroleum engineers in the oil industry who wish to expand their knowledge beyond their specialized area. It is also an excellent introductory text for a university course in petroleum geoscience. Elements of Petroleum Geology begins with an account of the physical and chemical properties of petroleum, reviewing methods of petroleum exploration and production. These methods include drilling, geophysical exploration techniques, wireline logging, and subsurface geological mapping. After describing the temperatures and pressures of the subsurface environment and the hydrodynamics of connate fluids, Selley examines the generation and migration of petroleum, reservoir rocks and trapping mechanisms, and the habit of petroleum in sedimentary basins. The book contains an account of the composition and formation of tar sands and oil shales, and concludes with a brief review of prospect risk analysis, reserve estimation, and other economic topics. Updates the Second Edition completely Reviews the concepts and methodology of petroleum exploration and production Written by a preeminent petroleum geologist and sedimentologist with decades of petroleum exploration in remote corners of the world Contains information pertinent to geophysicists, geologists, and petroleum reservoir engineers Updated statistics throughout A dditional figures to illustrate key points and new developments New information on drilling activity and production methods including crude oil, directional drilling, thermal techniques, and gas plays Added coverage of 3D seismic interpretation New section on pressure compartments New section on hydrocarbon adsorption and absorption in source rocks Coverage of The Orinoco Heavy Oil Belt of Venezuela Updated chapter on unconventional petroleum

Earth Lab: Exploring the Earth Sciences

Authored by accomplished urban geographers and GIS experts, Exploring the Urban Community: A GIS Approach leverages the modern geographer's toolset, employing the latest GIS methodology to the study of urban geography. The Second Edition expands upon this timely, applied approach by incorporating new “internet GIS” Google Earth™ activities, which do not require students to own expensive software or travel to a school lab. New exercises are also provided for ArcGIS 9.3 and 10, the latest version of the industry-dominant software. Coupled with current examples and applications from around the world, including a greater focus on India and China, Exploring the Urban Community presents an engaging and uniquely hands-on applied approach to the study of urban geography.
The Five Ages of the Universe

Wicander/Monroe's ESSENTIALS OF GEOLOGY, 3rd Edition continues the authors' tradition of presenting the basic principles and processes of geology in a clear, interesting, and concise narrative. It focuses on how geology relates to the human experience through frequent use of real-life examples and applications. Lively writing and the use of analogies draw students into the material, while a completely integrated pedagogical structure enhances students' comprehension of the important and difficult concepts. Throughout, the text emphasizes the connections between the content and students' lives.