

A Dictionary Of Earth Sciences Oxford Paperback Reference

Defines terms and phrases from ecology, statistics, the earth sciences, atmospheric sciences, biochemistry, botany, and zoology, and identifies the scientific names for species of plants and animals

Concise definitions of all significant terms in the earth science cover the most recent advances and discoveries and include items from related fields

Derived from the content of the respected McGraw-Hill Dictionary of Scientific and Technical Terms, Sixth Edition, each title provides thousands of definitions of words and phrases encountered in a specific discipline. All include: * Pronunciation guide for every term * Acronyms, cross-references, and abbreviations * Appendices with conversion tables; listings of scientific, technical, and mathematical notation; tables of relevant data; and more * A convenient, quick-find format

The third edition of this comprehensive encyclopedic dictionary covers the whole field of physical geography and provides an essential reference for all students and lecturers in this field.

Contemporary agriculture is a wide-ranging field with its own unique language. As an aid for improving scientific communication for everyone from students to public decision-makers, the CRC Dictionary of Agricultural Sciences provides a comprehensive guide to the terminology of agriculture. It includes every area of agriculture, from traditional farming to environmental sciences to the latest developments in biotechnology and genetics. The dictionary provides: Approximately 15,000 terms Extensive cross-referencing of closely related entries Definitions include often-used variants of the principal meaning More than just a compendium of terms, this dictionary presents clear, concise definitions in traditional dictionary entry format. From agroecology to wildlife biology, the CRC Dictionary of Agricultural Sciences establishes common ground between the various practitioners involved in agriculture, making interdisciplinary communications easier and more precise. About the author: Dr. Lewis is a world-class scientist and renowned author and editor of numerous scientific papers and books written in English and German. His contributions include research and applications in ecology and agro-ecology; environmental science; environmental and agricultural technology; endocrinology; air pollution sciences; and environmental monitoring and specimen banking. Dr. Lewis has been an academic and government administrator in the United States and Germany and has developed and coordinated several programs of research that were national or international in scope.

A Dictionary of Geology and Earth Sciences Oxford University Press

This work provides a wide perspective of the oceans by examining their places in the earth sciences, drawing together all the key strands of ocean study and presenting a holistic view of ocean processes, ancient and modern.

This comprehensive reference volume surveys the development of crusts on solid planets and satellites in the solar system.

Containing 6,400 fully revised and updated entries on all aspects of physical and human geography, this dictionary is the most comprehensive of its kind. It includes feature panels on key areas and recommended web links for many

entries,

This new edition includes 10,000 entries which cover all areas of geoscience, including planetary science, oceanography, palaeontology, mineralogy and volcanology. In this edition, 675 new entries have been added, and include expanded coverage of planetary geology and earth-observing-satellites. Other new entries terms such as lanammox, Boomerangian, earth rheological layering, and metamorphic rock classification. The entries are also complemented by more than 130 diagrams and numerous web links that are listed on a regularly updated dedicated companion website. Appendices supplement the A-Z and have been extended to include three new tables on the Torino Impact Hazard Scale, Avalanche Classes, and the Volcanic Explosivity Index. The list of satellite missions has also been revised and updated to include recent developments. A Dictionary of Geology and Earth Sciences is an authoritative, and jargon-free resource for students of geology, geography, geosciences, physical science, and those in related disciplines.

An interesting volume presenting the papers collected for the Festschrift "Paradoxes in Modern Geology" in honor of Professor Ken Jinghwa Hsu on the occasion of his 70th birthday. Paradox, as defined in a dictionary, is a statement contrary to accepted opinion. That a broad discussion of paradoxes is fruitful for the advancement of science in general, and geosciences in particular, has been amply demonstrated by Professor Hsu throughout his distinguished career. Not only has he propelled the geoscience community forward with his controversial statements, a number of his former students, who are currently in key positions at universities and in industry, are influencing in a similar open minded way the present day thinking. The wide scope this reasoning encompasses is demonstrated by the contributions to this book, delineating paradoxes and problems in the fields of tectonics, basic and applied geosciences, petrology, paleoceanography, paleoclimatology and paleogeography, kinematics and modelling.

Contains over 3,000 entries, explaining clearly and concisely the most frequently used terms in the biological sciences.

Do you want to know what inherited defect causes thalassaemia? Do you understand the significance of "resistance" when applied to microbiology? Can you say what a "frozen section" really is? The Dictionary of Biomedical Sciences answers all these questions and more. This informative, practical guide contains over 8000 entries that define all the ba

Alphabetical entries provide information about the structure, climate and atmosphere of the Earth. Suggested level: intermediate, junior secondary.

Provides concise definitions for more than 7,700 terms used in geology.

Provides reference to 8,700 terms, phrases, synonyms, acronyms and abbreviations in geology and mineralogy.

A Dictionary of Human Geography is a brand new addition to Oxford's Paperback Reference Series, offering over 2,000 clear and concise entries on human geography

terms. From basic terms and concepts to biographical entries, acronyms, organisations, and major periods and schools in the history of human geography, it provides up-to-date, accurate, and accessible information. It also includes entry-level web links that are listed and regularly updated on a dedicated companion website. This dictionary is a reliable reference for students of human geography and ancillary subjects, for researchers and professionals in the field, and for interested generalists.

Science affects us all-in the words of Albert Einstein, "The whole of science is nothing more than a refinement of everyday thinking." It is therefore fascinating to discover the thoughts of scientists, philosophers, humanists, poets, theologians, politicians, and other miscellaneous mortals on this most important of subjects. A Dictionary of Scientific Quotations is a personal selection of scientific quotations by Professor Alan L Mackay that includes graffiti, lines of song, proverbs, and poetry. Whether you believe that "All problems are finally scientific problems" (George Bernard Shaw) or that "Imagination is more important than knowledge" (Einstein), it is without doubt that "It is a good thing for an uneducated man to read books of quotations" (Churchill). You will be charmed and delighted by this collection and remember, "Why," said the Dodo, "the best way to explain it is to do it" (Alice in Wonderland, Lewis Carroll).

The lingo of soil science is a language unto itself. Soil and Environmental Science Dictionary is a glossary of terms used in soil and environmental science, including terms from related disciplines. Designed for teachers, students, researchers and others interested or involved in environmental sciences related to soils, this compilation includes a

With over 8500 entries, this informative dictionary addresses the social, legal, political and economic aspects of the environment and conservation as well as the scientific terms.

Provides "concise entries on all aspects of geology and earth sciences, including planetary science, volcanology, palaeontology, and mineralogy."--Title screen.

The Encyclopedia of Soil Science provides a comprehensive, alphabetical treatment of basic soil science in a single volume. It constitutes a wide ranging and authoritative collection of some 160 academic articles covering the salient aspects of soil physics, chemistry, biology, fertility, technology, genesis, morphology, classification and geomorphology. With increased usage of soil for world food production, building materials, and waste repositories, demand has grown for a better global understanding of soil and its processes. longer articles by leading authorities from around the world are supplemented by some 430 definitions of common terms in soil sciences.

The more than 37 000 entries in this dictionary cover all fields of earth science, ranging from archaeology to volcanology, including: astronomy, biochemistry, biology, cartography, climatology, crystallography, ecology, environment, geochemistry, geochronology, geodesy, geology, geomorphology, geophysics, giology, hydrogeology, hydrology, meteorology, mineralogy, oceanography, paleontology, palynology, pedology, petrography, photogeology, remote sensing, sedimentology, stratigraphy, taxonomy, tectonics, topography. The terms, with explanations in both languages, are defined or explained and/or illustrated by examples of use. Abbreviations are explained and given their equivalence in the

other language (when one exists). Greek and Latin roots are given, along with place names and persons. Appendixes also give additional tables and figures. This dictionary will enable the user to access all the available information required to understand a term or expression, without having to consult other sources.

The only available paperback dictionary of zoology. This dictionary is a comprehensive and up-to-date reference work on all aspects of the study of animals. With over 5,000 entries, it is ideal for students and will be invaluable to amateur naturalists and all those with an interest in the subject. - ;This is the only available paperback dictionary of zoology. This dictionary is a comprehensive and up-to-date reference work on all aspects of the study of animals. Now with over 5,000 entries, it is ideal for students and will be invaluable to amateur naturalists and all those with an interest in the subject. It is illustrated with clear line drawings, and supported by useful appendices on the genetic code, endangered animals, and SI units. Wide coverage including animal behaviour, ecology, physiology, genetics, cytology, evolution, Earth history, zoogeography. Full taxonomic coverage of arthropods, other invertebrates, fish, reptiles, amphibians, birds, and mammals. Completely revised to incorporate the discovery of 'extremophiles' - organisms living in environments formerly considered impossibly hostile - and the taxonomic reclassification that this has entailed. Featuring entries on genetics, evolutionary studies, and mammalian physiology. -

The World's Most Trusted Reference Books.

The Environment Dictionary provides an essential source of information on all aspects of the environment. It includes all the basic scientific terms and concepts along with socio-economic, cultural, historical and political elements which impact on the environment. This dictionary provides the interdisciplinary approach required to understand environmental issues worldwide. Designed for a wide range of readers, the dictionary is up-to-date, easy to read and to reference and clearly and attractively presented. Selected environmental issues which have particular importance are treated in greater depth through a series of boxed case studies. A wide range of maps, diagrams, figures and photos illustrate the texts and extensive cross-referencing between entries ensures readers can build on their knowledge. References and further reading sections are drawn from a wide range of accessible sources - from newspaper articles and popular magazines to academic texts and journals and provide easy access to further study and development of readers' specific interests.

This fully comprehensive and up-to-date dictionary of geology, encompasses all the major areas of study in over 4500 entries, making current terminology accessible for both students of geology and the general reader.

Includes more than 8,000 essential terms and definitions in the earth sciences, this complete and handy source for the latest terminology covers the fields of climatology, geochemistry, geodesy, geography, hydrology, oceanography, and

palaeontology.

The fifth edition of the Glossary of Geology contains nearly 40,000 entries, including 3,600 new terms and nearly 13,000 entries with revised definitions from the previous edition. In addition to definitions, many entries include background information and aids to syllabication. The Glossary draws its authority from the expertise of more than 100 geoscientists in many specialties who reviewed definitions and added new terms.

A detailed knowledge of the terminology and its background is necessary for a fundamental understanding of the professional literature in the field of materials science. This sharply focused, authoritative lexicon affords the reader a coherent idea of microstructure formation and evolution. All the term definitions are supplied with explanations and cross-references, offering a consistent picture of microstructure in metallic and non-metallic polycrystalline materials. Written by an author with over thirty years of teaching and research experience, it fills the terminological gap between the textbooks on materials science and the professional literature. Concise Dictionary of Materials Science: Structure and Characterization of Polycrystalline Materials contains more than 1400 terms commonly used in modern literature, research, and practice. Throughout the dictionary, the emphasis is on lattice defects and their role in diffusion, plastic deformation and phase transitions, as well as on the granular structure and its formation and changes in the course of phase transitions, recrystallization, and grain growth. In addition, all the entries from the dictionary are presented in the English-German/German-English Glossary, providing in one volume quick access to the key concepts and terms in both of the languages. Highlighting structure description, formation, and characterization, Concise Dictionary of Materials Science is a very useful reference for students in materials science and engineering, for researchers, engineers, and technologists in metalworking, microelectronic, and ceramic industries, as well as for readers without a technical background.

A comprehensive paperback dictionary of botany, this edition provides over 5500 concise entries and includes coverage of biochemistry, plant physiology, cytology, ecology, genetics, evolution, biogeography, Earth history, and the Earth sciences. Previous ed.: 1998.

This is the most authoritative and wide-ranging dictionary of earth sciences available in a single volume. Compiled with the help of a team of specialist contributors, it has been substantially revised and updated for this new edition. It is essential reference for all students of the subject, especially those on interdisciplinary courses. The 6,000 entries provide broad coverage of climatology, economic geology, geochemistry, oceanography, petrology, and volcanology. There are entries on planetary science, remote sensing, statistics, and sequence stratigraphy, and substantial updating in palaeontology, mineralogy, and geophysics. A useful section of appendices includes wind strengths and time scales.

A translation of the renowned French reference book, *Vocabulaire de sciences cognitives*, the *Dictionary of Cognitive Science* presents comprehensive definitions in more than 120 subjects. Topics range from 'Abduction' to 'Writing', and each entry is covered from as many perspectives as possible within the domains of psychology, artificial intelligence, neuroscience, philosophy, and linguistics. The editor and his advisory board, each a specialist in one of these areas, have brought together 60 internationally recognized scholars to give the reader a comprehensive understanding of the most current and dynamic thinking in the cognitive sciences.

With clear, critical, and constructive surveys of key terms by leading researchers in the field, *The Dictionary of Human Geography*, fifth edition, remains the definitive guide to the concepts and debates in human geography.

Comprehensively revised new edition of a highly successful text with over 300 key terms appearing for the first time Situates Human Geography within the humanities, social sciences and sciences as a whole Written by leading experts in the field Major entries not only describe the development of concepts, contributions and debates in Human Geography but also advance them Features a new consolidated bibliography along with a detailed index and systematic cross-referencing of headwords

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