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Geophysics Today - Editors of Geophysics 2010

Presents a collection of papers which appear in the September-October 2010 Geophysics special section, written by recognised experts in various areas of exploration geophysics, plus an additional group of papers drawn from Geophysics which address areas beyond those invited articles. The result is a snapshot of the state-of-the-art in the field.

Journal - Canadian Society of Exploration Geophysicists 1990

The Conterminous United States Mineral-Resource Assessment Program - David K. Mueller 1997

Nutrients in water are necessary for productive aquatic ecosystems, but in high concentrations, nutrients such as nitrates, ammonia, and phosphates can adversely affect aquatic life and human health.

Summary of International Energy Research and Development Activities 1974-1976 - Yong Zhou 2013-10-22

Summary of International Energy Research and Development Activities 1974-1976 is a directory of energy research and development projects conducted in various countries such as Canada, Italy, Germany, France,

Sweden, and the United Kingdom between 1974 and 1976. A limited number of projects sponsored by international organizations such as the International Atomic Energy Agency are also included. This directory consists of nine chapters and opens with a section on organic sources of energy such as coal, oil and gas, peat, hydrocarbons, and non-fossil organic sources. The next sections focus on thermonuclear energy and plasma physics; fission sources and energy production; geophysical energy sources; conversion technology; and environmental aspects of energy conversion and use. Energy transport, transmission, utilization, and conservation are also covered. The final chapter deals with energy systems and other energy-related research on subjects ranging from car sharing and urban passenger transport to nuclear power plants, energy supply and demand models, and high-power molecular lasers. This monograph will be a valuable resource of information for those involved in energy research and development.

Proceedings of the International Symposium on Remote Sensing of Environment ... Thematic Conference - 1982

New Publications of the Geological Survey - Geological Survey (U.S.) 1989

List of U.S. Geological Survey Geologic and Water-supply Reports and Maps for Pennsylvania and New Jersey - 1988

Geological Survey of Canada, Open File 2742 -

Proceedings of the Third Regional Conference on Geology and Mineral Resources of Southeast Asia, Bangkok, November 14-18, 1978 - Prinya Nutalaya 1978

Expanded Abstracts with Biographies - 2001

The Conterminous United States Mineral-Resource Assessment Program - Walden P. Pratt 1997

Gravity and Magnetic Exploration - William J. Hinze 2013-03-14
"This combination textbook and reference manual provides a comprehensive account of the principles, practices, and application of gravity and magnetic methods for exploring the subsurface using surface, marine, airborne, and satellite measurements. Key current topics and techniques are described, including high-resolution magnetic investigations, time-variation gravity analysis from surface and satellite gravity measurements, absolute and gradient gravimetry, and the role of GPS in mapping gravity and magnetic fields. The book also describes the physical properties of rocks and other earth materials that are critical to the effective design, implementation and interpretation of surveys, and presents a thorough overview of digital data analysis methods used to process and interpret anomalies for subsurface information. This book is an ideal text for advanced undergraduate and graduate courses, but also serves as a reference for research academics, professional geophysicists, and managers of exploration programs that include gravity and magnetic methods. It is a valuable resource for all those interested in petroleum,

engineering, mineral, environmental, geological and archeological exploration of the lithosphere"--

Bibliography of North American Geology, 1957 - 1960

The Alaska Mineral Resource Assessment Program - Gary R. Winkler 1992

Geologic Studies of the Columbia Plateau - C. W. Myers 1979

Geological Interpretation of Aeromagnetic Data - Leigh R. Rankin 2013

Proceedings of the International Symposium on Remote Sensing of Environment, First Thematic Conference - 1982

Earth Resources - 1982

Mineral Resources of Areas Adjacent to the Cloud Peak Primitive Area, Wyoming - Kenneth Segerstrom 1976

The Benue Trough - Charles O. Ofoegbu 1990

Bibliography and Index of Geology - 1992

Earth Sciences Research Catalog - 1970

Applied Geophysics - William Murray Telford 1990-10-26

This is the revised and updated version of an established textbook. It describes the physical methods involved in exploration for hydrocarbons and minerals. These tools include gravity, magnetic, seismic, electrical, electromagnetic, and radioactivity studies.

Geophysical Abstracts - 1955

Bibliography of the Geology and Mineral Resources of Oregon - 1987

Encyclopedia of Engineering Geology - Peter Bobrowsky 2018-08-14

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.

Records of the Geological Survey of India - Geological Survey of India 2008

1867- includes the "Annual report of the Geological survey of India".
A Competitive Assessment of the U.S. Solid Wood Products Industry - 1984

Geophysical Abstracts, 164 January-March 1956 - 1957

Near Surface Geophysics - 2006

Applied Structural Geology of Ore-forming Hydrothermal Systems
- Julie V. Rowland 2020

Petroleum Abstracts - 1998

The Conterminous United States Mineral Assessment Program - Wayne B. Solley 1984

U.S. Geological Survey Bulletin - 1983

Geological Survey Bulletin - 1966

Bulletin - Oregon. Department of Geology and Mineral Industries 1937

U.S. Geological Survey Circular -

The Conterminous United States Mineral Assessment Program - Floyd Gray 1992

Geophysical Applications of Artificial Neural Networks and Fuzzy Logic - W. Sandham 2013-06-29

The past fifteen years has witnessed an explosive growth in the fundamental research and applications of artificial neural networks (ANNs) and fuzzy logic (FL). The main impetus behind this growth has been the ability of such methods to offer solutions not amenable to conventional techniques, particularly in application domains involving pattern recognition, prediction and control. Although the origins of ANNs and FL may be traced back to the 1940s and 1960s, respectively, the most rapid progress has only been achieved in the last fifteen years. This has been due to significant theoretical advances in our understanding of ANNs and FL, complemented by major technological developments in high-speed computing. In geophysics, ANNs and FL have enjoyed

significant success and are now employed routinely in the following areas (amongst others): 1. Exploration Seismology. (a) Seismic data processing (trace editing; first break picking; deconvolution and multiple suppression; wavelet estimation; velocity analysis; noise identification/reduction; statics analysis; dataset matching/prediction, attenuation), (b) AVO analysis, (c) Chimneys, (d) Compression I dimensionality reduction, (e) Shear-wave analysis, (f) Interpretation (event tracking; lithology prediction and well-log analysis; prospect appraisal; hydrocarbon prediction; inversion; reservoir characterisation;

quality assessment; tomography). 2. Earthquake Seismology and Subterranean Nuclear Explosions. 3. Mineral Exploration. 4. Electromagnetic I Potential Field Exploration. (a) Electromagnetic methods, (b) Potential field methods, (c) Ground penetrating radar, (d) Remote sensing, (e) inversion.
Cumulative Index Geophysics, Journal of the Society of Exploration Geophysicists (1936-1988 Inclusive) ; Early Geophysical Papers ; Geophysics, the Leading Edge of Exploration (selected Papers, 1982-88 Inclusive) ... - William J. Zwart 1990