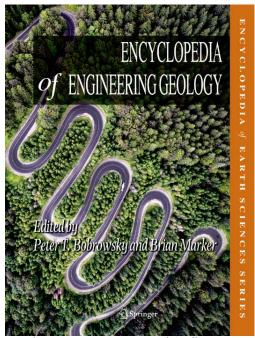


springer.com



1st ed. 2018, XXIX, 978 pp., 140 b/w illustrations, 491 illustrations in color. ISBN: 978-3-319-73566-5 (Print) 978-3-319-73568-9 (Online) 978-3-319-73567-2 (Print+Online)

SPRINGER REFERENCE

Print (Book)

- ▶ 399,00 € | £359.50 | \$549.00
- ► * 426,93 € (D) | 438,90 € (A) | CHF 532.02

eReference

- ▶ 399,00 € | £359.50 | \$549.00
- ► * 474,81 € (D) | 474,81 € (A) | CHF 532.03

Print + eReference

- ▶ 499,00 € | £449.50 | \$689.00
- ► *553,69 € (D) | 558,88 € (A) | CHF 665.15

Just Published!

Editors:

Peter T. Bobrowsky, Geological Survey of Canada, Sidney, BC, Canada **Brian Marker,** London, UK

Encyclopedia of Engineering Geology

Series: Encyclopedia of Earth Sciences Series

- > Equips professionals with a formal understanding of engineering geology topics
- Clarifies the similarities or differences in fundamental concepts and principles in the discipline
- Explains the relevance and application of primary tools and practices in engineering geology
- Directs professionals and interested researchers to authoritative and vetted sources
- Captures the wide range of expanding disciplinary activities under a single umbrella

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, geographers, architects, hazards specialists, physical 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.

Order online at springer.com \blacktriangleright or for the Americas call (toll free) 1-800-SPRINGER \blacktriangleright or email us at: customerservice@springer.com. \blacktriangleright For outside the Americas call +49 (0) 6221-345-4301 \blacktriangleright or email us at: customerservice@springer.com.

The first \in price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with * include VAT for books; the \in (D) includes 7% for Germany, the \in (A) includes 10% for Austria. Prices indicated with ** include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted.

About the Editors

Peter T. Bobrowsky

Peter T. Bobrowsky is a Research Scientist with the Geological Survey of Canada (Sidney, BC), and Adjunct Full Professor at Simon Fraser University (Burnaby, BC) and University of Victoria (Victoria, BC). He received his PhD in Geology in 1988 from the University of Alberta, Canada and formally registered with the BC Association of Professional Engineers and Geoscientists in 1992. During his 30 year career he has worked extensively in engineering geology with a primary emphasis on mineral resource studies (aggregates) and natural hazards (landslides, paleotsunamis). He was the President of the Geological Association of Canada, President of the Canadian Quaternary Association, Secretary General of IUGS and is currently the President of the International Consortium on Landslides.

Brian Marker

Brian Marker received BSc and PhD degrees in Geology from the University of London, UK in 1968 and 1972 respectively. He became a Chartered Geologist in 1992. He worked for over 30 years for the UK Department of the Environment and its successor Departments advising on land use planning issues associated with minerals supply, natural hazards, contaminated land and waste management. Since retirement in 2006 he had been an independent consultant as well as serving as an Editorial Board member of the Bulletin of the IAEG, a Councillor of the Geological Society (London) and, since 2013, as Chairman of the IUGS Publications Committee.

Editorial Board

Martin G. Culshaw

British Geological Survey, Nottingham, UK

Jerome V. De Graff

California State University, Fresno, CA, USA

Laurance Donnelly

Burnley, UK

Michael Hendry

University of Alberta, Edmonton, AB, Canada

Jeffrev R. Keaton

AMEC Americas, Los Angeles, CA, USA

Claudio Margottini

Geological Survey of Italy, Rome, Italy

Paul Marinos

National Technical University of Athens, Greece

Victor I. Osipov

Sergeev Institute of Environmental Geoscience, Moscow, Russia

Abdul Shakoor

Kent State University, OH, USA

Roy J. Shlemon

Newport Beach, CA, USA