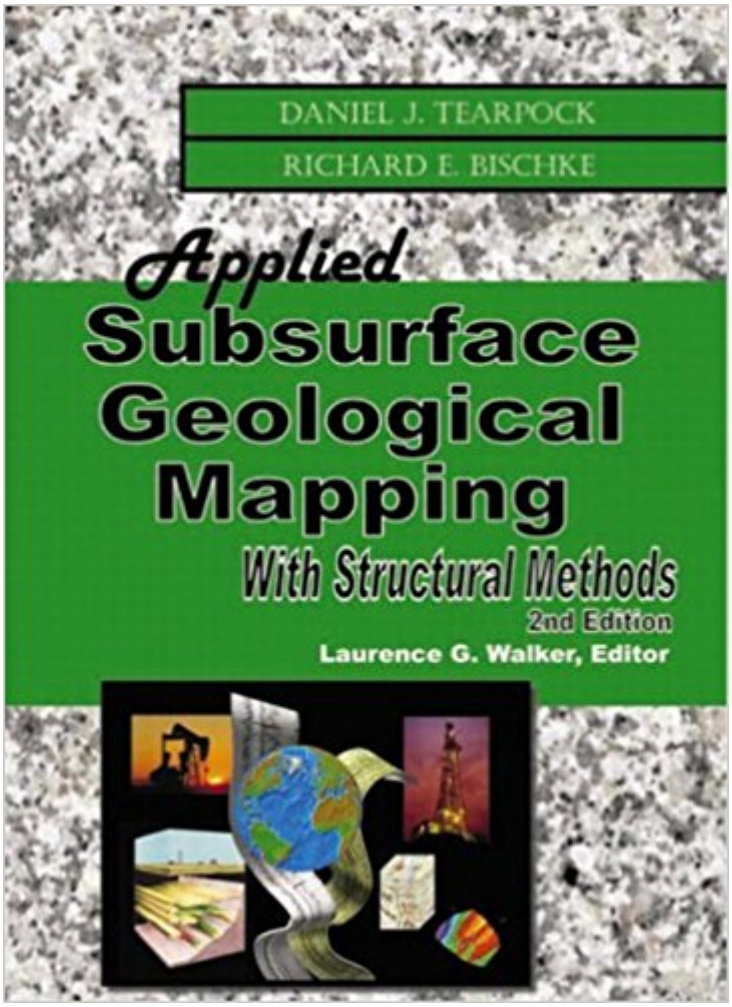
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Applied Subsurface Geological Mapping With Structural Methods (2nd Edition)



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Synopsis

Applied Subsurface Geological Mapping, With Structural Methods, 2nd Edition is the practical, up-to-the-minute guide to the use of subsurface interpretation, mapping, and structural techniques in the search for oil and gas resources. Two of the industry's leading consultants present systematic coverage of the field's key principles and newest advances, offering guidance that is valuable for both exploration and development activities, as well as for "detailed" projects in maturely developed areas. Fully updated and expanded, this edition combines extensive information from the published literature with significant material never before published. The authors introduce superior techniques for every major petroleum-related tectonic setting in the world. Coverage includes: A systematic, ten-step philosophy for subsurface interpretation and mapping The latest computer-based contouring concepts and applications Advanced manual and computer-based log correlation Integration of geophysical data into subsurface interpretations and mapping Cross-section construction: structural, stratigraphic, and problem-solving Interpretation and generation of valid fault, structure, and isochore maps New coverage of 3D seismic interpretation, from project setup through documentation Compressional and extensional structures: balancing and interpretation In-depth new coverage of strike-slip faulting and related structures Growth and correlation consistency techniques: expansion indices, Multiple Bischke Plot Analysis, vertical separation versus depth, and more Numerous field examples from around the world Whatever your role in the adventure of finding and developing oil or gas resourcesÃ¢â ¬â œas a geologist, geophysicist, engineer, technologist, manager or investorÃ¢â ¬â œthe tools presented in this book can make you significantly more effective in your daily technical or decision-oriented activities.

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A complete, practical discussion of subsurface geologic methods -- with special emphasis on petroleum exploration. --This text refers to an out of print or unavailable edition of this title.

"Applied Subsurface Geological Mapping, With Structural Methods, 2nd Edition" is the practical, up-to-the-minute guide to the use of subsurface interpretation, mapping, and structural techniques in the search for oil and gas resources. Two of the industry’s leading consultants present systematic coverage of the field’s key principles and newest advances, offering guidance that is valuable for both exploration and development activities, as well as for "detailed" projects in maturely developed areas. Fully updated and expanded, this edition combines extensive information from the published literature with significant material never before published. The authors introduce superior techniques for every major petroleum-related tectonic setting in the world. Coverage includes: A systematic, ten-step philosophy for subsurface interpretation and mapping The latest computer-based contouring concepts and applications Advanced manual and computer-based log correlation Integration of geophysical data into subsurface interpretations and mapping Cross-section construction: structural, stratigraphic, and problem-solving Interpretation and generation of valid fault, structure, and isochore maps New coverage of 3D seismic interpretation, from project setup through documentation Compressional and extensional structures: balancing and interpretation In-depth new coverage of strike-slip faulting and related structures Growth and correlation consistency techniques: expansion indices, Multiple Bischke Plot Analysis, vertical separation versus depth, and more Numerous field examples from around the world Whatever your role in the adventure of finding and developing oil or gas resources-as a geologist, geophysicist, engineer, technologist, manager or investor-the tools presented in this book can make you significantly more effective in your daily technical or decision-oriented activities.

An awesome reference & teaching manual! Highly recommended!

I am geology student I bought this book as additional to my course book. It one o the best book out there for this subject.

Excellent book for the petroleum geologist. Lots of great information covered that is explained in great detail. Goes over many of the basics of petroleum geology. A must for any new geologist.

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