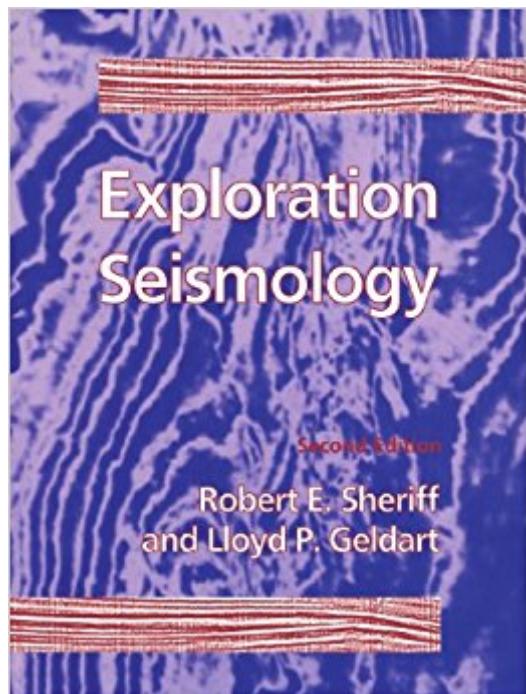


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# Exploration Seismology



## Synopsis

This is the completely updated revision of the highly regarded book Exploration Seismology. Available now in one volume, this textbook provides a complete and systematic discussion of exploration seismology. The first part of the book looks at the history of exploration seismology and the theory - developed from the first principles of physics. All aspects of seismic acquisition are then described. The second part of the book goes on to discuss data-processing and interpretation. Applications of seismic exploration to groundwater, environmental and reservoir geophysics are also included. The book is designed to give a comprehensive up-to-date picture of the applications of seismology. Exploration Seismology's comprehensiveness makes it suitable as a text for undergraduate courses for geologists, geophysicists and engineers, as well as a guide and reference work for practising professionals.

## Book Information

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'The authors have shown themselves to be masters of data compression ... The book is very well cross referenced, making fact finding easy ... Sheriff and Geldart have written an important book which is authoritative and complete yet manages to treat subjects in depth. It is difficult to imagine a better book on the subject and I am sure it will prove even more difficult to write one.' Geophysical Journal 'They will serve the needs of these readers admirably as a thorough and up-to-date treatment of all aspects of the subject ... Both volumes may be recommended unreservedly to everyone who is seriously interested in the subject ... They are likely to be a standard text for many

years to come.' Journal of Volcanology and Geothermal Research'Few people have done as much ... to demystify exploration seismology for geologists ... what I believe to be the most readable and most 'user-friendly' set of volumes on exploration seismology.' AAPG Bulletin'The strengths of the set are the breadth of its coverage, the many excellent data examples, and the insight into a variety of practical matters ... chapters are largely independent of each other and the less analytically demanding ones can be usefully read on their own.' Seth Stein, Geological Sciences, Northwestern University

This is the completely updated revision of the highly regarded book Exploration Seismology. Available now in one volume, this textbook provides a complete and systematic discussion of exploration seismology.

Very general description of all exploration techniques including scientific basis for it. Something one will need from time to time in case of troubles understanding and solving problems.

Too expensive, no color images, poor quality paper.

comprehensive book on seismic theory and application in exploration for Oil and Gas

Very good seismic exploration book. The explanation is throughout, and there are some colored pages as well (i.e. to display colored seismic images).

This is the book I first consult when working on a new technique. The book is a classic in that it is not just an anthology of reprints. Instead, it is a true survey of the state of the art of the science/art. Use it as a first reference, and you will not go wrong.

The textbook is poorly written with nothing but calculus and equations, many of which the text does not explain. Very hard to follow or learn from this book. Plus it was expensive.

Book arrived on time and just as they said it would be!Had a perfect purchase experience and would recommend to anyone

A very good book for those who are interested in basic knowledge in applied seismology. Also lots

of useful things about the seismic waves and data processing and interpretation in general. Really worth having!

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