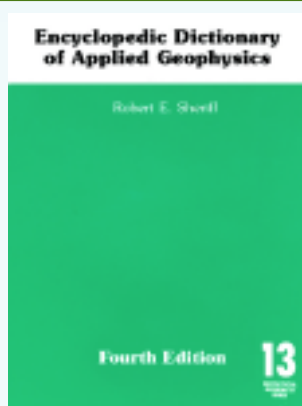


# Encyclopedic Dictionary of Applied Geophysics, fourth edition

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The fourth edition of SEG's best-seller by Robert E. Sheriff is a valuable, comprehensive reference for every geophysicist, geologist, explorationist, engineer, energy adviser, economist, and student involved in the field. Published in print in 2002 and online in 2005, this reference contains hundreds of terms added since publication of the third edition in 1991, reflecting rapid evolution of the science. Most new terms are in the areas of engineering and production problems, 3D (including multicomponent) acquisition and processing, visualization, S- and converted waves, interpretation, anisotropy, AVO, geostatistics, geohazards, neural networks, tomography, downhole measurements, horizontal drilling, and deepwater work. Definitions of hundreds of other terms have been updated. The dictionary includes a guide to pronunciation and reference figures and tables.