

Geophysics

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Widely considered the premier international journal of exploration geophysics

GEOPHYSICS, published since 1936 by the Society of Exploration Geophysicists, is an archival journal encompassing all aspects of research, exploration, and education in applied geophysics. Its articles, generally more than 175 per year in six issues, cover the entire spectrum of geophysical methods, including seismology, potential fields, electromagnetics, and borehole measurements. *GEOPHYSICS* provides theoretical and mathematical tools needed to reproduce depicted work, encouraging further development and research.

GEOPHYSICS papers, drawn from industry and academia, undergo a rigorous peer-review process to validate the described methods and conclusions and ensure the highest editorial and production quality.

GEOPHYSICS editors strongly encourage the use of real data, including actual case histories to highlight current technology and tutorials to stimulate ideas. One or two issues per year feature a section of solicited papers on a particular subject of current interest. Recent special sections focused on near-surface geophysics, mining geophysics, P-wave anisotropy, seismic signatures of fluid transport, seismic interferometry, and seismic modeling. Regular features include *GEOPHYSICS LETTERS*—short, high-impact, fast-tracked articles—and a section on intellectual property to announce patent information. A discussion section encourages free technical dialogue on previously published articles, and a photo/bio section features the contributors to each issue.

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Editor

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The Leading Edge

<http://www.segdl.org/tle/>

Covering all aspects of applied geophysics in a style appealing to a broad readership

THE LEADING EDGE is published by the Society of Exploration Geophysicists to complement *GEOPHYSICS*. *TLE* is a gateway publication, introducing new geophysical theory, instrumentation, and established practices to scientists in a wide range of geoscience disciplines. Most material is presented in a semitechnical manner that minimizes mathematical theory and emphasizes practical applications. *TLE* also serves as SEG's publication venue for official society business.

TLE's regular features include at least four departments with periodic (usually monthly) articles on key technological areas of geophysics.

- Acquisition/Processing treats the latest developments in acquiring and processing geophysical data.
- Interpreter's Corner focuses on interpretation of geophysical data, with an emphasis on seismology.
- The Meter Reader keeps readers abreast of developments in potential-fields geophysics.
- Business Bottom Line explores commercial aspects of applied geophysics.

Each issue of *TLE* also features a Special Section devoted to a particular area of technology, especially new techniques that seem likely to have a major impact in the near future on the working routine of most practicing geophysicists. Experts, many of international renown, select articles for these special sections.

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