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Advances in Applied Geophysics

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In this reprint, advancements in the understanding of geophysical methods used to monitor the properties of the Earth's crust, along with the development of new approaches for its characterization, are presented. The focus is on seismic, electric and electromagnetic methods, as well as inversion methodologies and satellite techniques that support imaging of the Earth's crust. This reprint brings together the most recent studies on the application of geophysical methods for imaging the Earth's crust, along with environmental, engineering, and hydrogeological applications for the detailed characterization of near-surface structures.

