

## Geological Society of America Memoirs

### Abstract

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*Geological Society of America Memoirs* 2012;208;1  
doi: 10.1130/2012.2208(002)

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### Notes

The Geological Society of America  
Memoir 208  
2012

# *Exploring the Earth's Crust— History and Results of Controlled-Source Seismology*

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## ABSTRACT

**This volume presents a comprehensive, worldwide history of seismological studies of the Earth's crust using controlled sources from 1850 to 2005. Essentially all major seismic projects on land and the most important oceanic projects are presented. The time period of 1850 to 1939 is presented as a general synthesis, and from 1940 onward the history and results are subdivided into a separate chapter for each decade, with the material ordered by geographical region. Each chapter highlights the major advances achieved during that decade in terms of data acquisition, processing technology, and interpretation methods. For all major seismic projects, we provide specific details regarding the field observations, interpreted crustal cross section, and key references. We conclude with global and continental scale maps of all field measurements and interpreted Moho contours. An accompanying DVD contains important out-of-print publications and an extensive collection of controlled-source data, location maps, and crustal cross sections.**

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