

	<p>Eric Robert (Bob) Engdahl, IUGG Fellow</p>	<p>USA</p>
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Education

B.S. Geology (1958), Rensselaer Polytechnic Institute; Ph.D. Geophysics (1968), Saint Louis University; Thesis: Core Phases and the Earth's Core.

Positions held

Geophysicist, U.S. Coast and Geodetic Survey and National Ocean (1960-1972); Geophysicist, NOAA, Environmental Research Laboratories and Fellow of CIRES, University of Colorado, Boulder (1972-1977); U.S. Geological Survey, Research Geophysicist (1977-1998); Research Associate and Lecturer, Physics Department, University of Colorado, Boulder (1998-2012); presently self-employed consultant.

Professional Service

American Geophysical Union: Secretary, Seismology Section (1974-1978); President, Seismology Section (1980-1982). Seismological Society of America: Board of Directors (1978-1982). IUGG/International Association of Seismology and Physics of the Earth's Interior (IASPEI): Member of Standard Earth Model Committee (1971-1983); Chairman of Subcommittee on P Velocity Distribution in the Core (1971-1983); Chairman of Commission on Practice (1983-1991); Chairman of Sub-Commission on Earthquake Algorithms (1977-1983); Member of Executive Committee (1983-1987); Second Vice-President (1987-1991); Representative to FDSN (1991-1999); Secretary-General/Treasurer (1991-2003); President (2003-2007); International Seismological Centre (ISC) (1983-1991): Member of Governing Council and Executive Committee (1983-1991); Chairman of Executive Committee (1987-1991); Organized numerous international symposia and workshops, Served on many scientific review panels and editorial boards.

Research

Authored more than 100 research papers in peer-reviewed journals on a wide range of topics in seismology including earth structure, earthquake source mechanisms, earthquake location, and subduction zone seismicity. Developed (with Brian Kennett) a new set of global travel times (ak135) for earthquake location and phase identification. These new travel times are currently seeing wide use and have been adopted by the USGS/NEIC and ISC for the routine determination of hypocenters. Developed (with Rob van der Hilst) an advanced earthquake location algorithm, which has been used to considerably enhance global seismicity studies and the tomographic imaging of large-scale heterogeneous structures.

Honors and Awards

Elected Fellow of American Geophysical Union (1972); Awarded Research Fellowship, Japan Society for the Promotion of Science (1979); Awarded Study-Visit Grant, German Academic Exchange Service (1983); Awarded Research Grant, NATO (1984); Awarded Visiting Fellowship, ANU, Canberra, Australia (1995); Awarded Research Grant, University of Utrecht, The Netherlands, under the NWO/Pioneer Project "Detailed structure and dynamics of the upper mantle" (1996); Awarded Seismological Society of America Medal (2001); Awarded fellowship for research at NORSAR, The National Research Council of Norway (2003-2004).