



Thorne Lay, IUGG Fellow

USA

Thorne Lay is Distinguished Professor of Earth and Planetary Sciences at the University of California Santa Cruz, where he has been located since 1990. Previously he was a faculty member at the University of Michigan, after receiving his Ph.D. in Geophysics from the California Institute of Technology in 1983. His research area is seismology, and includes studies of large earthquake ruptures, internal structure of the Earth, seismic wave propagation and seismic monitoring of nuclear testing treaties.

Thorne Lay is author or co-author of 467 research publications including 6 books and major reports, 334 publications in professional journals and refereed books, and 127 technical reports, book reviews, news items and conference proceedings. In addition, he is author or co-author of about 400 published abstracts from meeting presentations. He is elected Fellow of the National Academy of Sciences, the American Academy of Arts and Sciences, and the American Association for the Advancement of Sciences. He received the Harry Fielding Reid Medal of the Seismological Society of America and the Inge Lehmann Medal and Macelwane Medal of the American Geophysical Union. He is an Honorary Professor of Xi'an Jiaotong University and recipient of a Star on the Mountain Award from the City of El Paso.

Thorne Lay's service to IUGG includes:

IASPEI President 2015-2019

IASPEI Second Vice President, 2011-2015

IASPEI Bureau, 2011-2019

IASPEI Executive Committee, 2007-2019

IASPEI Co-Chair, Commission on Earth Structure and Geodynamics, 2003-2015

IASPEI Commission on Physical Properties of Materials of the Earth's Interior 1991-1995

IUGG Executive Committee 2015-2019

IUGG Young Investigator Award Selection Committee 2014

U.S. National Committee for IUGG 2017-2021