

**Brief Resume
John M. Sinton**

For a more complete resume, see

<https://www.soest.hawaii.edu/earthsciences/people/faculty-cvs/sinton-uhm-cv.pdf>

Present Position:

Emeritus Professor, Department of Earth Sciences
University of Hawai'i at Mānoa
Honolulu, Hawai'i 96822

Education:

A.B. Geology, University of California at Santa Barbara, June 1969
M.S. Geology, University of Oregon, Eugene, Oregon, September 1971
Ph.D. Geology, University of Otago, Dunedin, New Zealand, May 1976

Professional Expertise

Hawaiian geology, igneous petrology, volcanology, marine geology

Professional Appointments:

- Emeritus Professor, University of Hawai'i, Department of Earth Sciences, 1/2014
- Chair, University of Hawai'i, Department of Geology and Geophysics, 1996-1999.
- Chair, Hawai'i Institute of Geophysics, Division of Volcanology, Geochemistry and Petrology, 1987-1990
- Professor of Geology and Geophysics, University of Hawai'i, 7/87-2014
- Associate Professor of Geology and Geophysics, University of Hawai'i, 7/81-6/87
- Assistant Professor of Geology and Geophysics, University of Hawai'i, 5/77-6/81
- Post-doctoral Fellow, Smithsonian Institution, Department of Mineral Sciences, 1/76-3/77

Field Experience

- Extensive geological field mapping in northern Saskatchewan, New Zealand, Hawai'i, and Iceland; archeological field work in Hawai'i, Eiao (Marquesas), Ra'iatea, Rurutu and Easter Island

Seagoing Research Projects:

- Scientific participant in 26 sea-going research cruises, 1976-2021
- Chief Scientist or Co-chief Scientist on 11 major marine expeditions to the Galápagos Spreading Center, Manus Basin (Papua New Guinea), southern East Pacific Rise, and Hawai'i;
- >20 submersible dives using *Makali'i*, *Alvin*, *Mir2*, *Nautile*, *Pisces4*, *Pisces5*, and *Shinkai 6500* submersibles

Selected Professional Activities:

- State of Hawai'i Geothermal Resources Technical Advisory Committee, 1984; 1991-1997
 - Invited participant, National Academy of Sciences NRC Workshop on Mid-Oceanic Ridges, 1987
 - Convener, IUGG InterUnion Symposium on Mid-Oceanic Ridges, IUGG General Assembly, Vancouver B.C., Canada, 1987
 - NSF-RIDGE Steering Committee, 1992-1995
 - Convener, NSF-RIDGE/NordVulc Summer School on Active Processes at Mid-Ocean Ridges, Mývatn, Iceland, August, 1997
 - Member, State of Hawai'i Earthquake Advisory Board, 1998-2001
 - Member, United States Science Advisory Committee (USSAC), 2000-2002
 - Convener, NSF-RIDGE/NordVulc Summer School on Plume-Ridge Interactions, Mývatn, Iceland, August, 2000
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- Commissioner, State of Hawai'i Natural Area Reserves System, 2009 – 2012
- Chair, State of Hawai'i Natural Area Reserves System Commission, 2012-2017
- Commissioner, State of Hawai'i Legacy Land Conservation Program, 2013-2017, 2019-2023

Mentoring:

Principal advisor for 10 completed Master's theses and 6 PhD dissertations, in addition to undergraduate theses and post-doctoral supervision

Societies:

American Geophysical Union
Geological Society of America
International Association of Volcanology and Chemistry of Earth's Interior

Awards and Honors

- University of Hawai'i Presidential Citation for Meritorious Teaching (1991)
- University of California at Santa Barbara, Department of Geological Sciences Distinguished Alumnus (2002)
- Fellow, Geological Society of America (2012)

Publications

- Author or co-author of >105 peer-reviewed publications in high-quality scientific journals; see http://www.soest.hawaii.edu/GG/FACULTY/SINTON/publications/sinton_pubs.pdf for complete listing
- Editor or co-editor of 5 books