Christopher Rojahn
Director Emeritus

SUMMARY OF QUALIFICATIONS

Christopher Rojahn currently serves as Director Emeritus of the Applied Technology Council (ATC) in Redwood City, California, as a member (and past Chair) of the Board of Trustees of Geohazards International in Menlo Park, California, and as member of the Board of Advisors of the STRAAM Group in New York City. He has more than 40 years of experience in the fields of earthquake and structural engineering, including 34 years as Executive Director of the Applied Technology Council (ATC) and 10-years as a Research Civil Engineer and Geophysicist for the Federal Government. In addition to his technical leadership in natural hazards mitigation, a hallmark of Mr. Rojahn's career has been his extensive experience in technical and financial management and his overall success in acquiring city, state, and federal government funding for technology advancement.

PROFESSIONAL EXPERIENCE

Applied Technology Council, Redwood City, California, 1981-2015; 2015-present
Executive Director; Director Emeritus – During his 34-year tenure as Executive Director of the Applied Technology Council (ATC), a non-profit California corporation specializing in the development of structural engineering methods and guidance for natural hazards mitigation, Mr. Rojahn was responsible for overseeing and managing all activities of ATC, including technology and product development, product sales and distribution, business development, project management and administration, project consultant recruitment, and corporation management. He served as Principal Investigator/Project Manager/Senior Advisor on more than 100 major research and development projects and organized numerous major workshops, seminars, and conferences on important technical issues in earthquake and structural engineering. He has testified before the U.S. Congress and has advised the White House Office of Science Technology Policy on earthquake hazard mitigation. He has also led or otherwise participated in post-earthquake damage investigations in California and several foreign locations, including the magnitude-6.9 Kobe, Japan, earthquake of January 16, 1995, the magnitude-8.8 Chile earthquake of February 27, 2010, and the magnitude-9.0 Honshu, Japan, earthquake and tsunami of March 11, 2011. Upon his retirement in June 2015, he was named ATC Director Emeritus, providing input and consulting services on an as-needed basis.

U.S. Geological Survey, Menlo Park, California, 1973-1981
Research Civil Engineer – Mr. Rojahn's work as a Research Civil Engineer for the Seismic Engineering Branch of the U.S. Geological Survey focused primarily on the acquisition and analysis of earthquake strong-motion data from instrumented structures as well as the development of methods for instrumenting buildings and bridges. While at the Geological Survey he also led several joint U.S.-U.S.S.R. research projects in Tadjikistan, S.S.R., participated in post-earthquake investigations in Argentina, Romania, and the Soviet Union, and advised the Romanian National Institute for Building Research (INCERC) on matters relating to strong-motion data acquisition and analysis.

National Oceanic & Atmospheric Administration, Washington D.C., 1971-1973
Geophysicist – Mr. Rojahn's work as a Geophysicist for the Seismological Field Survey of NOAA focused on the acquisition and analysis of earthquake strong-motion data and the development and installation of strong ground-motion instrument arrays. He also participated in post-earthquake investigations in Hawaii and Nicaragua, chaired the Earthquake Engineering Research Institute (EERI) Conference on the 1972 Managua, Nicaragua, Earthquake, and advised Nicaragua's President, Anastasio Somoza, on issues relating to earthquake hazard mitigation.

NOAA Commissioned Officers Corps, Washington D.C., 1968-1971

Lieutenant, LtJG – His duties as a member of the NOAA Commissioned Officers Corps included service as a deck officer on the oceanographic research ship "Discoverer" (2 years), as a member of a research team studying the seismicity of the Aleutian Islands (6 months), and as Coordinator and Quality Control Reviewer/Monitor of the NOAA study of the 1971 San Fernando, California, earthquake (6 months).

Technical Advisory Experience – Mr. Rojahn has served on numerous university advisory panels in earthquake engineering and natural hazards mitigation, including the Scientific Advisory Committee of the National Science Foundation (NSF)-funded National Center for Earthquake Engineering Research (NCEER) at the State University of New York at Buffalo (1986-1993), the Implementation Advisory Committee of the NSF-funded Multidisciplinary Center for Earthquake Engineering Research (MCEER, formerly NCEER, 1996-2000), the Highway Research Council of MCEER's FHWA-funded Highway Project (2000 to 2002), the Implementation Advisory Board for the NSF-funded Pacific Earthquake Engineering Research Center (2002 to approximately 2006), the Advisory Council for the NSF/USGS-funded Southern California Earthquake Center (2002 to approximately 2006), and the Advisory Committee for the NSF-funded National Information Service for Earthquake Engineering, University of California at Berkeley. In 2018 Mr. Rojahn was appointed as a member of the NSF-funded Natural Hazards Engineering Research Infrastructure (NHERI) Technology Transfer Committee, which is charged with identifying NSF-funded research projects that have implementation potential.

Steering Committee and Board of Directors Experience – Active in a variety of professional organizations, Mr. Rojahn served on the Board of Directors of the California Earthquake Safety Foundation (1995 to 2006), and as Chairman (2004-2006). In 2001 he was elected as a member of the International Steering Committee for the East Asia Pacific Conference [Series] on Structural Engineering and Construction (EASEC), and has participated in EASEC Conferences in Singapore, Bali, Thailand, Taiwan, Hong Kong, Japan, and most recently (Dec 2019), Australia. He has also served the Earthquake Engineering Research Institute (EERI), a non-profit professional association headquartered in Oakland, California, in a variety of positions, including serving as a member and Secretary of the Board of Directors (1977-1981) and as a member of the Steering Committee for the 8th World Conference on Earthquake Engineering (1982-1984). He also served on the Board of Directors of EERI's Northern California chapter.

In 2004 he was appointed to the first of two multi-year terms on the Board of Directors of NEES Inc., the non-profit organization that initially operated the NSF-funded Network for Earthquake Engineering Simulation (NEES) in Davis, California; Mr. Rojahn was elected as Board Secretary/Treasurer during the last several years of his service on the Board. In 2009, he was appointed to a 2-year term on the Governance Board of NEEScomm at Purdue University, the organization selected by NSF to manage and operate the second 5-year period of operation of NEES. In 2011 he was appointed to a second 2-year term on the NEES Governance Board, and in July 2012 was elected Chairman of the Governance Board, effective November 1, 2012.

In 2016 he joined the Board of Advisors of the STRAAM Group in New York City, a start-up that specializes in structural risk assessment and management. In 2016 he also joined the GeoHazards International Board of Trustees (headquartered in Menlo Park, California), where he has served as Chair of the Finance Committee, Chair of the Development Committee, as a member of the Executive Committee and Nominations and Governance Committee. In 2019, he was elected Chair of the Board of Trustees, effective January 1, 2020.

EDUCATION AND TRAINING

Engineer's Degree	Stanford University, 1968
M.S.	Stanford University, 1967
B.S.	Bucknell University, 1966, Cum laude

REGISTRATION

Civil Engineer, State of California

AWARDS

Alquist Medal, Earthquake Engineering Research Institute "Alfred E. Alquist Special Recognition Award", March 2017.
Honorary Member, Structural Engineers Association of Northern California, June 2009.
Western States Seismic Policy Council (WSSPC) Lifetime Achievement Award in Earthquake Risk Reduction, April 2006
Recognized as Structural Engineer of the Year by the Journal on the Structural Design of Tall and Special Buildings, September 2005
Honor Member, Chi Epsilon, Bucknell University, March 2004
Award for Leadership, Innovation, and Outstanding Accomplishments in Earthquake Risk Reduction, presented by the Earthquake Engineering Research Institute, Northern California Chapter, April 2003
William Penn Senior High School Hall of Fame (1997), along with Keys to the City of York, Pennsylvania

PUBLICATIONS

Engineer Degree Thesis – "Large Deflections of Elastic Beams", Stanford University, 46 pp, 1968

Major, Peer-Reviewed Technical Reports (Principal Investigator, Principal Author, Project Principal, Project Executive Director, Project Manager or Editor) – 102 reports

Papers Published in Refereed Journals – 9 papers, including, Rojahn, C., Johnson, L., O'Rourke, T.D., Cedillos, V., McAllister, T.P., and McCabe, S.L., 2019, "Increasing Community Resilience Through Improved Lifeline Infrastructure Performance," in *The Bridge*, National Academy of Engineering, Washington, D.C.

Papers Published in Conference, Seminar, Workshop Proceedings – 52 papers

Technical Reports – more than 20 reports

Proceedings (Principal Investigator, Project Executive, or Steering Committee Chair) – 21 proceedings