

BIO

Sergio Manuel Alcocer

Sergio Alcocer holds a degree in Civil Engineering from the School of Engineering, UNAM (1986), and a PhD in Engineering from The University of Texas at Austin (1991).

He is a professor at the Institute of Engineering of the National Autonomous University of Mexico (UNAM) (1991 to date) and a part-time professor at the University of Texas at San Antonio (2020 to date). At UNAM, he was Secretary General (*Provost*) (2007-2011), Coordinator for Innovation and Development (2012-2013), and Director of the Institute of Engineering (2003-2007).

He is a member of the Advisory Committee on Structural Safety of Mexico City (2007 to date). He is currently the coordinator of the revision of the Complementary Technical Standards (NTC) of the Mexico City Building Code. He also coordinates the review subcommittees of the NTC for the Design and Construction of Concrete Structures and the NTC for the Evaluation and Rehabilitation of Existing Buildings. He is a member of the review subcommittee of the NTC for the Design and Construction of Masonry Structures (2020 to date).

He heads the Scientific Advisory Council on Earthquakes (2005 to date), within which he coordinates the preparation of the draft of the Construction Standard Law for Mexico City.

In the American Concrete Institute (ACI), he is a member of technical committee 318 "Design Requirements for Structural Concrete" (2002-2011; 2019 to date) and a member of technical committees 352, 369, 374 and 445 on monolithic connections, seismic repair, performance-based seismic design, and shear and torsion, respectively. He is Chair of the ACI Technical Committee 352 (2023 to date). He has been chairman of Committee 374 (2004-2011). He has been a member of the ACI Board of Directors (2005-2008), the International Activities Committee (IAC) (2001-2008) and the Technical Activities Committee (TAC) (2008-2012). In 2019, he received the Charles S. Whitney Medal from the American Concrete Institute.

In the Earthquake Engineering Research Institute (EERI), he was the first foreign member of the Board of Directors (2001-2003) and chaired the International Activities Committee (2001-2008). He was a founding member of the Board of Directors of the World Housing Encyclopedia project, developed between EERI and the International Association of Earthquake Engineering (IAEE) (1999-2003).

He is an elected member of the Board of Directors of the International Association for Earthquake Engineering (IAEE) (2021 to date).

In the *Colegio de Ingenieros Civiles de México* (Mexican Association of Civil Engineers) he has been vice-president (2016-2020), technical director of the National Congress of Civil Engineering (2019) and president of its Energy Committee (2012-2016). He is currently a member of the Ethics Council (2020 to date).

He is president of the Mexican Council of Foreign Relations (COMEXI), a strategic think tank whose purpose is to contribute to the understanding of international relations and global affairs, as well as to propose policies for the public, private and social sectors in Mexico (2021 to date).

He is the founder and president of *México Exponencial*, a strategic think tank on the future of exponential technologies and their use in favor of Mexico (2016 to date).

Alcocer is a board member of the ICA Foundation (2006 to date) and of the Mexican Museum in San Francisco, California (2016 to date). He was an independent director of Empresas ICA, SAB (2007-2011), as well as of Iberdrola Mexico, where he was Chairman of the Board (2015-2018).

He was the Undersecretary for Energy Planning and Technological Development of the Ministry of Energy (SENER) (2011-2012), as well as Undersecretary for North America of the Ministry of Foreign Affairs (SRE) (2013-2015).

He is a member of the Mexican Academy of Sciences (2003 to date) and the Mexican Academy of Engineering (2004 to date), of which he was its president (2014-2016).

He is the fifth Mexican engineer to be honored as an International Member of the National Academy of Engineering of the United States of America (2017).

He holds an honorary doctorate of science from the University of Arizona (2017) and is a Distinguished Alumnus of the *Cockrell School of Engineering* at the University of Texas at Austin (2015). He received the 2023 National Civil Engineering Award.

His most recent book is "*La UNAM: compromiso con futuro*", published by Limusa (2024).