

Alik Ismail-Zadeh is a mathematical geophysicist for his contribution to computational known geodynamics and natural hazard research as well as for his unselfish international cooperation in geosciences and in disaster risk reduction. He graduated from the Baku State University in Azerbaijan and the Lomonosov Moscow State University in Russia before being awarded Ph.D. degree in 1990 and D.Sc. in 1997 from the Russian Academy of Sciences (RusAS) in Moscow. He is Research Professor at the Department Applied Geosciences, Karlsruhe Institute of of Technology, Germany, and was Chief Scientist and leader of the Research Group "Computational Geodynamics and Geohazard Modelling" at the RusAS

Institute of Earthquake Prediction Theory and Mathematical Geophysics in Moscow. He has been a visiting scholar/professor of several universities and academic centers, including the University of Cambridge (United Kingdom), UCLA, the University of Tokyo (Japan), Institut de Physique du Globe de Paris (France), the University of Uppsala and the Royal Institute of Technology in Stockholm (Sweden), the University of the Chinese Academy of Sciences in Beijing (China), King Saud University in Riyadh (Saudi Arabia), Hebrew University of Jerusalem (Israel), and the Abdus Salam International Centre for Theoretical Physics in Trieste (Italy). His research interests cover deep and surface dynamic processes and their interaction. He has contributed to geodynamics and seismology (mantle and lithosphere dynamics, and earthquake occurences), sedimentary geology (basin evolution and salt tectonics), volcanology (lava dynamics), geohazards and risk analysis, science policy, diplomacy, and history. His research methods cover theoretical analysis, numerical experiments, and multi- and interdisciplinary synthesis. He is a principal author of over 150 peerreviewed papers, published in professional and interdisciplinary journals, including Nature, and several books published in Germany, UK, and USA. Ismail-Zadeh is active in promoting basic science, science excellency and science for society worldwide. He was elected the inaugural Secretary of the International Science Council (ISC, 2018-2021) and Secretary-General of the International Union of Geodesy and Geophysics (IUGG, 2007-2019). He was a founding President of the AGU Natural Hazards Section, and Chair of the IUGG Commission on Geophysical Risk and Sustainability. He served as a Council Member of the UNESCO International Geoscience Program, and Chair/Member of governing boards or scientific committees of several professional, international and intergovernmental organizations, including European Geosciences Union, EuroScience, Group on Earth Observations (GEO), International Telecommunication Union (ITU), Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO), and the United Nations Office for Disaster Risk Reduction (UNDRR). At present he is Chaif of the IUGG Commission on Mathematical Geophysics, Scientific Council Member of the UNESCO-ICTP East African Institute for Fundamental Research in Kigali, Rwanda, Senior Adviser to the ISC Governing Board, Member of the AGU Honor and Recognition Committee. Ismail-Zadeh is a Member of the Academia Europaea, Honorary Fellow of the Royal Astronomical Society of London, AGU Fellow, ISC Fellow, IUGG Fellow, and a recipient of several awards and medals.