

Candidate for IUGS Executive Committee

Position: Councillor (2026-2030)

Name: Pablo G. Silva Barroso

Affiliation: Geology Department,
University of Salamanca

Nominating Organization:
Spanish National Committee IUGS



Biography:

I was born in Madrid, Spain (1962) and studied Geological Sciences at the Complutense University (UCM) at Madrid. I finished my graduate studies in 1987 and after a pre-doctoral grant in the Department of Geodynamics of the UCM, I got the Ph. D on Geology in 1994. Previously, since 1992 I started my academic activity as assistant lecturer in the Department of Geology of the Salamanca University (USAL) in central Spain. After several different posts in the same university department I rose to senior lecturer in 1995, and finally in 2018 got my present position as Full Professor on Geomorphology and Geo-Hazards in the USAL. All my research activity has been focused on the Quaternary Geology and Geomorphology and more specifically in Tectonic Geomorphology and Quaternary Tectonics. More recently, since the 2000 decade I actively participated in the introduction of the emergent branches of Paleoseismology and Archaeoseismology in Spain. In this sense, I was a member of different international working groups and commissions on GeoHazards (IGCP-UNESCO Executive Board, 2012-2016), INQUA Focus Area on Paleoseismology, Archaeoseismology and Active Tectonics (INQUA, President 2011-2015), the IAEA (UNESCO) Expert Group on Paleoseismology (2012-2015), as well as to the IGCP and INQUA Spanish National Boards. My research extends to the peninsular and insular (Balearic and Canary Islands) Spanish territories, but more specifically, to the Betic Cordillera, Southeast and Central Spain. However, I also participated on ad hoc research in north Africa, Germany, Italy, Greece, Panama and Mexico. Since 2010 I headed different research projects on Tectonic Geomorphology and Quaternary Tectonics leading the generation of databases and catalogues on the Geological Effects of Earthquakes in Spain, supported and/or published by the Spanish Geological Survey (IGME). I have collaborated with many national and international institutions, with strong connections with the Universities of Liverpool and Plymouth in UK, the RWTH Aachen University

(Germany) and the Geological Surveys of Italy (ISPRA) and Spain (IGME). My research activity has been always strongly connected with the Quaternary Sciences, for which I occupied several posts of responsibility in the Executive Board of the Spanish Society for Quaternary Research (AEQUA) since 1992, as Editor in-Chief of the Journal "Cuaternario y Geomorfología" (1998 - 2009), President (2009 - 2021) and presently as Past-President. All this activity, conducted me to promote and participate in different international events, such as EGU Meetings, International Geological Congress, Spanish Geological Congress, INQUA Congress and Meetings, INQUA Paleoseismology Workshops, AEQUA bi-annual Meetings, etc., and overlapped with editorial work in national and international journals.

Statement:

I have experience on the international networking of geological sciences, particularly on Quaternary and Geomorphology. In 2009 I led the first international INQUA Meeting on Paleoseismology and Archaeoseismology and Active Tectonics (INQUA PATA Workshops) in connection with the IGCP-189 Project on Earthquake Geology. Two years later, in 2011 I was elected as President of this INQUA Focus Area, till 2015. Since then I belong to the INQUA TERPRO Commission serving in different positions. I would like to follow within the international networking of Geology, now in the IUGS as representative of my Country, but also of the Quaternary Sciences and Geomorphology.