





Retired Full Professor, University of Aveiro, Aveiro, Portugal

In 1961 he received the degree in Geological Sciences from the University of Coimbra, Portugal, and in 1979 he received the PhD degree in Materials Science - Ceramic Materials from the University of Leeds, UK.

In 1961-1967 he was Assistant Professor at the University of Coimbra. In 1968-1974 he was Chief-Technician of the Geologic and Mining Survey of Angola, and Lecturer at the University of Luanda, in Angola. In 1975-2003 he was Auxiliary Professor, Associate Professor, and Full Professor at the University of Aveiro (UA).

Throughout 42 years of academic and research careers he progressively specialized in Crystallography, Mineralogy, Geochemistry, Industrial Minerals, Clays, and Medical Geology. Presently clay-based composites and nanocomposites for ceramic and biomedical applications are his primary fields of interest. He taught Ceramic Raw Materials, and Crystallochemistry and Diffraction at the Ceramics Department of the UA. He was the supervisor of 19 PhD students and 18 MSc students. He is the author and co-author of 21 didactic-scientific books, and of 5 chapters of scientific books. Presently he is a researcher of the Research Unit "GeoBioTec" at the UA.

He was nominated President of ECGA (European Clay Groups Association) for the period 2007-2011. He is member of the following Scientific Societies: Spanish Society of Clays - honorary member; Clay Minerals Society; Clay Science Society of Japan; Portuguese Society of Ceramics and Glass - honorary and emeritus member.