

Joaquim António dos Reis Silva Simão

Academic education

Doctor Geology (Min. Petrol. Geochemistry) FCT / UNL Approved by unanimity
Tests: APCC Min. Petrol. Geochemistry FCT / UNL Very Good
Graduation: Geological Engineering FCT / UNL 15

Professional experience

University Academic Experience:

- November / 2003 to present - Assistant Professor of the Department of Earth Sciences, Faculty of Science and Technology, New University of Lisbon. Definitive appointment in 2008.
- November / 1996 to November / 2003 - Assistant of the Department of Earth Sciences, Faculty of Sciences and Technology, Universidade Nova de Lisboa.
- September / 1992 to November / 1996 - Trainee Assistant in the Department of Earth Sciences, Faculty of Science and Technology, Universidade Nova de Lisboa.

Academic experience in secondary education:

- October / 1990 to January / 1991 - Provisional Professor of Geology in Secondary Education, Fernão Mendes Pinto School (Almada).

Non-academic professional experience

- January / 1991 to August / 1992 - Geologist Engineer in the Company Pirites Alentejanas S.A. (Mina do Moinho).

Teaching

Theoretical and practical regencies: Mineralogy, Igneous and Metamorphic Petrology, Geochemistry (Geological Engineering). Processing and Valorization of Mineral Resources (Master in Geological Engineering). Coordination of Transversal Competences for Science and Technology.

Coordinator of the Degree in Geological Engineering.

Investigation

Themes:

Experimental alteration of igneous and metamorphic rocks with a view to their use as ornamental rock.

Tests of laboratory alteration of rocks simulating polluted atmospheres, acid rains, polluting particles and saline atmospheres.

Studies of alteration and alterability of ornamental rocks in polluted environments and their technological implications.

Studies on the alteration of rocks applied in recent and historical buildings.