

CURRICULUM VITÆ SUMMARY

Pedro Miguel Soares Raposeiro da Silva

Assistant Professor (Professor *Adjunto*) of construction materials and construction technology at Instituto Superior de Engenharia de Lisboa - Lisbon Polytechnic Institute and researcher of CERIS – Civil Engineering Research and Innovation for Sustainability from Instituto Superior Técnico - University of Lisbon

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EDUCATION

2013, Ph.D in Civil Engineering, Instituto Superior Técnico (IST), Technical University of Lisbon;

2007, M.Sc. in Construction, Instituto Superior Técnico (IST), Technical University of Lisbon;

2005, Graduated in Civil Engineering – Specialization in construction, Instituto Superior de Engenharia de Lisboa (ISEL), Polytechnic Institute of Lisbon;

2002, Bachelor degree in Civil Engineering, Instituto Superior de Engenharia de Lisboa (ISEL), Polytechnic Institute of Lisbon.

OTHER EDUCATION

Participation in 19 courses, mainly on construction technology organised by academic institutions, state institutions and private companies.

CONFERENCES AND SEMINARS

Participation in 25 national and international conferences and seminars mainly on construction technology and materials.

EDUCATIONAL ACTIVITY

2015 to present: Professor *Adjunto* of the Civil Engineering Department of Instituto Superior de Engenharia de Lisboa (ADEC-ISEL);

Taught the following courses on Civil Engineering:

Bachelor program: building physics, Construction materials I and Construction materials II;

Masters program: Construction technology and Building systems and Construction inspection, testing and monitoring;

Post-graduation in construction rehabilitation: Pathology, Diagnosis and Intervention Methodologies;

2008 - 2015: Assistant Professor of the Civil Engineering Department of Instituto Superior de Engenharia de Lisboa (ADEC-ISEL);

2004 - 2008: Laboratory assistant (monitor) of the Construction Materials Laboratory of the Civil Engineering Department of Instituto Superior de Engenharia de Lisboa (ADEC-ISEL).

SCIENTIFIC ACTIVITY - PUBLICATIONS

Author or co-author of several publications, namely: 19 international journal articles, 4 national (Portuguese) journal articles, 10 international conference papers, 18 national (Portuguese) conference papers, 4 book chapters, 5 educational texts and 15 technical reports.

Researcher ID: [A-1832-2012](https://orcid.org/0000-0001-8770-8439)

Scopus author ID: [56585411500](https://orcid.org/0000-0001-8770-8439)

ORCID ID: <http://orcid.org/0000-0001-8770-8439>

Google academic: <https://scholar.google.pt/>

Researchgate: <https://www.researchgate.net/profile/>

SCIENTIFIC COORDINATION

2 Post-doctoral works, 2 Master thesis in progress and 18 completed.

MEMBER OF JURY

Member of jury for admissions in master's degrees (11 intakes) and Post-graduate programs (2 intakes)

MEMBER OF THESIS JURY

4 Doctoral thesis as arguer, 24 Master thesis as arguer and 45 as president of jury.

RESEARCH PROJECTS

Researcher in the FCT project DecarbonCrete: Decarbonation of the Planet through Concrete – Implementation of the Paris Agreement, since July 2018;

Researcher in the FCT project RInoPolyCrete: Recycled Inorganic Polymer Concrete: Towards a cement- free and completely recycled concrete, since July 2018;

Responsible for the project Nanomortar: Performance evaluation of self-compacting mortars with nanomaterials, IPL/2018/Nanomortar/ISEL, since September 2018;

Responsible for the project EConcrete: Self-compacting concrete incorporating bottom ash resulting from municipal solid waste incineration, IPL/2017/EConcrete/ISEL, between June 2017 and October 2018;

Member of the COST ACTION TU1404 group, working group1 (testing of cement-based materials and RRT+), between January 2016 and October 2018;

Researcher in the FCT project High performance recycled aggregates concrete for the precast industry (EXCELlentSUStainableCONcrete), between March 2012 and December 2015.

REFEREE ACTIVITY

Is referee/reviewer for numerous publications (publons.com/a/601050/).

OTHER ACTIVITIES

Responsible for the Construction Materials Laboratory at Instituto Superior de Engenharia de Lisboa, IPL- Lisbon Polytechnic Institute, since 2017;

Group coordinator for the Buildings specialization field of the Civil Engineering courses since, February 2018;

Member of the Steering Committee of the Civil Engineering Master's degree Program representing the Buildings specialization field, between October 2014 and February 2018;

Member of the Steering Committee for the Civil Scientific Field and member of the Scientific Committee between, March 2008 and September 2009.

Researcher of CERIS - Civil Engineering Research and Innovation for Sustainability from Instituto Superior Técnico - University of Lisbon since 2007.