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Marisa Sofia Dinis de Almeida is Assistant Professor at the Department of Civil Engineering and Architecture at UBI, where she teaches several disciplines in Civil Engineering and Architecture courses.

Advanced knowledge in laboratory techniques for characterizing bituminous mixtures. Responsible for the bituminous materials laboratory.

Advisor PhD theses and Master theses in Civil Engineering.

Researcher at C-Made – Centre of Materials and Building Technologies. Research activity with development in the scope of materials to road paving and innovative construction technologies, namely in use of recycled materials and low impact solutions.

Participation in several research projects financed by the FCT (Portuguese funding agency for science, research and technology).

Author or co-author of papers and communications in national and international journals and scientific meetings.

Current research interests: Development and performance evaluation of economical and environmentally sustainable solutions for road paving, in mitigating and adapting to climate change.

Latest 6 publications in international journals with peer review:

- Maia, M. A. S.; Dinis-Almeida, M.; Martinho, F. C. G.. "The Influence of the Affinity between Aggregate and Bitumen on the Mechanical Performance Properties of Asphalt Mixtures". *Materials* 14 21 (2021): 6452. DOI:10.3390/ma14216452
- Zoorob, S.E.; Mturi, G.A.; Sangiorgi, C.; Dinis-Almeida, M.; Habib, N.Z.. "Fluxing as a new tool for bitumen rheological characterization and the use of time-concentration shift factor (ac)". *Construction and Building Materials* 158 (2018): 691-699. DOI:10.1016/j.conbuildmat.2017.10.020
- Afonso, Márcia Isabel Lopes; Fael, Cristina Maria Sena; Almeida, Marisa S. Dinis. "Influence of clogging on the hydrologic performance of a double layer porous asphalt" (2018). DOI:10.1080/10298436.2018.1508843

- Afonso, M.L.; Dinis-Almeida, M.; Fael, C.S.; Afonso, Márcia Isabel Lopes; Almeida, Marisa S. Dinis; Fael, Cristina Maria Sena. "Study of the porous asphalt performance with cellulosic fibres". Construction and Building Materials 135 (2017): 104-111. DOI:10.1016/j.conbuildmat.2016.12.222
- Afonso, M.L.; Dinis-Almeida, M.; Pereira-De-Oliveira, L.A.; Castro-Gomes, J.; Zoorob, S.E.. "Development of a semi-flexible heavy duty pavement surfacing incorporating recycled and waste aggregates - Preliminary study". Construction and Building Materials 102 (2016): 155-161. DOI:10.1016/j.conbuildmat.2015.10.165
- Dinis-Almeida, M.; Castro-Gomes, J.; Sangiorgi, C.; Zoorob, S.E.; Afonso, M.L.. "Performance of Warm Mix Recycled Asphalt containing up to 100% RAP". Construction and Building Materials 112 (2016) 1-6. DOI: 10.1016/j.conbuildmat.2016.02.108

Supervision of Doctoral Student (concluded):

Márcia Isabel Lopes Afonso on "Pavimentos betuminosos permeáveis na mitigação e adaptação às alterações climáticas", Department of Civil Engineering and Architecture, University of Beira Interior, May 2021.

Links

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Google Scholar ID <https://scholar.google.pt/citations?user=V44tZxoAAAAJ&hl=pt-PT&oi=ao>

ResearchGate <https://www.researchgate.net/profile/Marisa-Dinis-Almeida>

