

Global Curriculum Vitae of candidate

1. Personal data

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2. Academic degrees

Years (from-to)	Degree	Granting institution (name, country)	Scientific area	Final grade
2002-2008	Degree	U. Minho, Portugal	Architecture	13
2010-2012	Master	U. Minho, Portugal	Civil Engineering	16
2016-now	Post-graduation	U. Aberta, Portugal	Information Science	15

3. Previous activity and current status

Period	Position/job	Institution (name/grade)
2008-2009	Trainee architect	Gabinete Arquitetura Padrão da Oliveira
2009-now	Architect	Freelancer
2016-now	Architect/Librarian	University of Minho

4. Research interests and experience

The postgraduate degree in sustainable cities did allow a multidisciplinary approach focused on urban planning, hydraulic and environmental infrastructures. My research interests are in the areas of urban planning and spatial planning, especially in the application of innovative planning tools, such as the Noise Forecasting Software or the Geographic Information System, and other instruments for computational simulation of territory and planning. These tools allowed me to explore, in my previous research work, the effects of noise on facades. The phenomena associated with emission and propagation of noise; effects and consequences of exposure to them, and its articulation with theoretical and practical models of urban form, inserted in strategic plans in urban context and how it can be optimized to a more sustainable behavior.

Now it will be relevant study the termical behavior in different urban forms and relate them with the respective regulation. In my professional experience is also related to the application of computer and technological systems in the field of territorial and architectural planning (Autocad 2D and 3D, CadnaA, Arcview, ArcGis, among others), skills that are essential to planning, design of public spaces and urban planning, and strategies for the rehabilitation of green spaces and urban planning in an urban context, that I acquired in my previous professional experience as freelancer architect

5. Other relevant experience

The practical experience in the field of architecture allowed testing some of the solutions studied in the master's dissertation in order to obtain a clear reduction of the sound impacts on the projected façades. It was possible to verify in one of my projects (an unfamiliar house in L format) whit two facades, with the same material and similar opening field and both equidistant to the sound source in which only the opening angle in relation to the noise source was different (a parallel façade and another perpendicular to the source of noise) produced different Results. The facade perpendicular to the source of noise had a smaller impact in comparison to the facade parallel to the sound source.

6. Participation in R&D projects

As a graduate student in Architecture, I was involved in the organization of various knowledge dissemination actions, such as the "Eco-efficient Membrane Constructions" workshop which included practical sessions and conferences about ecological construction with sustainability responsibility or the "Two Realities" conference, which had also, approach the sustaibility of urban construction. In these two conferences I had the opportunity to actively engage with press release, communication and reception of the participants. I also participate and support the "Approximations" seminar and the training course "Paths in the Landscape", both in the Centro Cultural Vila Flor, come within reach of the landscape problematic and its sustainability.

The Pre-Bologna Masters in Civil Engineering, in the area of Sustainable Planning, has given rise to several international scientific publications, including ISI scientific journals, such as the International Journal of Energy and Environment. This was also an interesting opportunity to work in a multidisciplinary environment and reinforce the coalition between Architecture and Civil Engineer.

My interest in research led me to the postgraduate degree in information science, in 2016. This postgraduation is allowing me to develop knowledge in information systems' management and information literacy. Is an increased value for those who intend to do scientific research, as it addresses important questions about research planning and methodologies.

7. Scholarships, prizes and awards received

Year	Name of scholarship/ prize /award	Promoting entity
2008	XVIII Edição do Concurso Ibérico de Soluções Construtivas Pladur, Co-Vencedor Local Universidade do Minho	Universidade do Minho e o Grupo Uralita

8. Published works

Oliveira, M. (2011) A influência da forma urbana na propagação do ruído urbano". , Dissertação de Mestrado em Engenharia Urbana, Departamento de Engenharia Civil da Universidade do Minho, Braga.

Oliveira M.F.; Silva, L.T. (2011) The influence of urban form in urban noise propagation, INTERNATIONAL JOURNAL of ENERGY and ENVIRONMENT, Issue 3, Volume 5, 2011, pp.356-363.

Oliveira M.F.; Silva, L.T. (2011) The influence of urban form on facades noise levels. WSEAS Transactions on Environment and Development, 7 (5), pp.125-135.

Silva, L. T; Oliveira, M. (2010), A Influência da Forma Urbana na Propagação do Ruído Urbano. Pluris2010, 4º congresso Luso-Brasileiro para o Planeamento Urbano, Regional, Integrado e Sustentável, Faro, Portugal, Outubro 2010.

Oliveira M.; Silva, L.T. (2010) How urban noise can be influenced by the urban form. WSEAS International Conference on Development, Energy, Environment, Economics (DEEE '10). Puerto De La Cruz, Tenerife, November-December.

Silva, L. T; Oliveira, M. Silva, J.F. (2014), Urban form indicators as proxy on the noise exposure of buildings in Applied Acoustics 76, pp. 366-376.

9. Communications in scientific meetings

Silva, L. T; Oliveira, M. (2010), A Influência da Forma Urbana na Propagação do Ruído Urbano. Pluris2010, 4º congresso Luso-Brasileiro para o Planeamento Urbano, Regional, Integrado e Sustentável, Faro Portugal, Outubro 2010 (Oral Communication)

10. Languages

Use Common European Framework of Reference for Language: A: Basic User; B: Independent User; C: Proficient User.

Language	Reading	Writing	Conversation
Portuguese	C	C	C
English	C	C	B
German	B	A	A
Spanish	B	A	A
Italian	A	A	A

11. Relevant skills or competences

As a former student at the University of Minho, I was selected for the course "Specialization in female entrepreneurship of added value" with the proposal theme of acoustic sustainability of buildings and cities.

As architect-librarian in the library of the school of architecture I give support in the user's scientific research, from the reference to the bibliographical norms or even in the application of systems of bibliographical references that allow the collection and insertion of citations and references, like Mendeley or Endnote. I'm also responsible for deal with bibliographic catalogues and information databases.

Joana Jacinta Fernandes Oliveira

