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Research Assistant

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[Digital Living Spaces]



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Curriculum

Marine Luiza de Oliveira Mattos, Brazilian, undergraduate in Architecture and Urbanism at Juiz de Fora Federal University/MG (UFJF), Brazil. Joined as a researcher in the Urbanismong group at UFJF, from March/2012 to July/2015. This group develops research activities with the support of the Ministry of Cities, Ministry of Culture and three well-known research institutes (CNPq, CAPES and FAPEMIG). Master Degree in Regional and Urban Space Planning at Viçosa Federal University/MG, with the thesis named "Assets and Urban Morphology in Muriaé/MG Historical Preservation Area". Graduated in Data Geo-processing and Geo-referencing at Cândido Mendes University. Taught the following disciplines in the Architecture and Urbanism course at DOCTUM Teaching Network (DOCTUM), Caratinga/MG unit, during 2018-2019: Urban Project I and II; Interior Project II; Integrator Project VI and VIII; Theory and History of Cultural Heritage; and Final Work of Course Completion I and II. Besides, taught the following disciplines in the Architecture and Urbanism course at Pitagoras University, Governador Valadares/MG unit, during 2018-2019: Urbanism I, II and III; and Brazilian Architecture. Joined the Structuring Teaching Nucleus during 2018-2019 with monitoring academic attributions in the process of design, consolidation and continuous updating of the pedagogical project in the Architecture and Urbanism course at DOCTUM. Currently, applied in the Doctor Degree program in Architecture of Contemporary Metropolitan Territories in the Architecture and Urbanism course at Lisbon University Institute, Portugal. Emphasis in the study of Spatial Syntaxes as a tool to analyze the appropriation of urban centers and sustainable urban mobility.

Research Interests

Digital Architecture

Space Syntax

Sustainable Urban Mobility

Academic Qualifications

University/Institution	Type	Degree	Period
Universidade Cândido Mendes	Post-graduation	Geoprocessamento e Georreferenciamento de dados	2020
Universidade Federal de Viçosa	M.Sc.	Arquitetura e Urbanismo	2018
Universidade Federal de Juiz de Fora	Bachelor of Science	Arquitetura e Urbanismo	2015

Publications

• Books and Book Chapters

- Book chapter

1	mattos, M., Oliveira, A. & Viana, D. L. (2023). Examination of the Diffusion of COVID-19 Cases in Viçosa, Minas Gerais (Brazil): A Configurational Approach. In Plácido Lizancos-Mora; David Leite Viana; Franklim Moraes; Jorge Vaz (Ed.), Formal Methods in Architecture . (pp. 175-200):. SSpringer Singapura.
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