Towards Regenerative Urban Landscapes: Integrating Soft Mobility as a vector for health and ecology



Yacine Mansouri

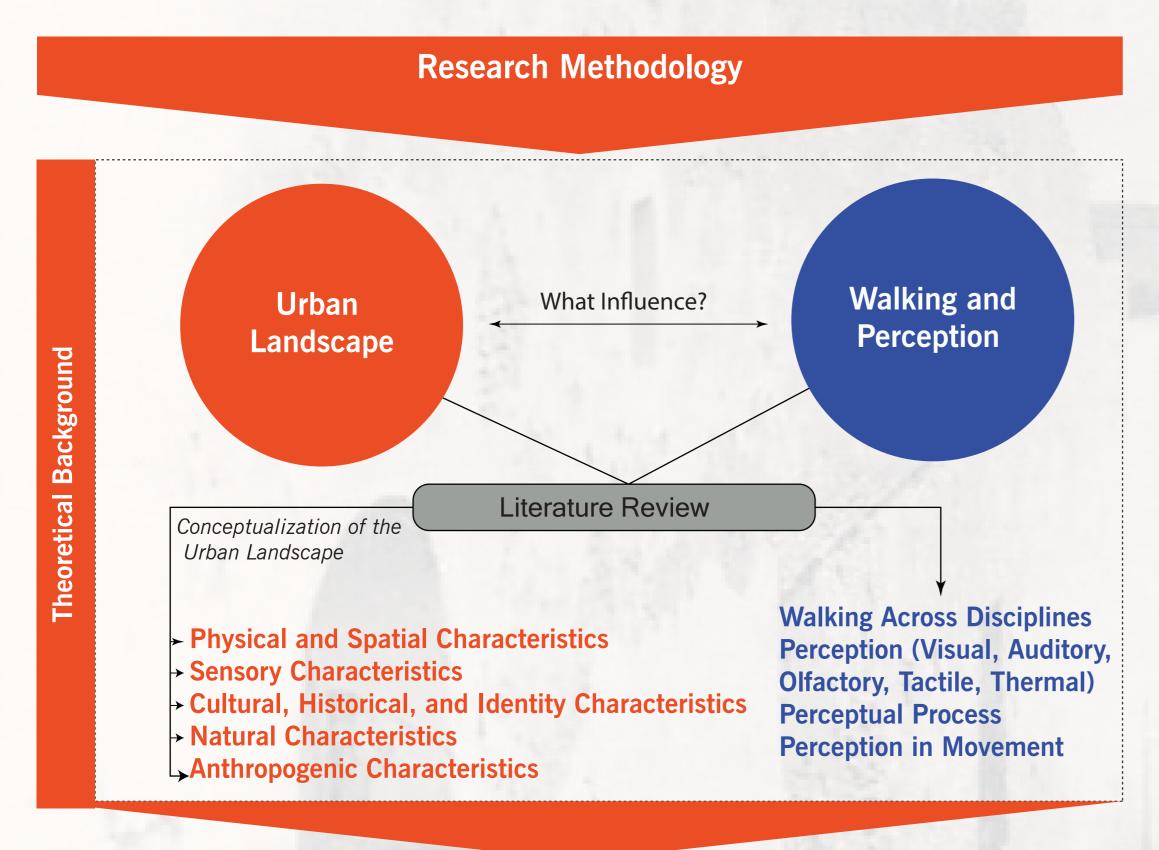
yacine.mansouri@doct.uliege.be Unité de recherches en architecture (URA), Faculty of Architecture, University of Liège

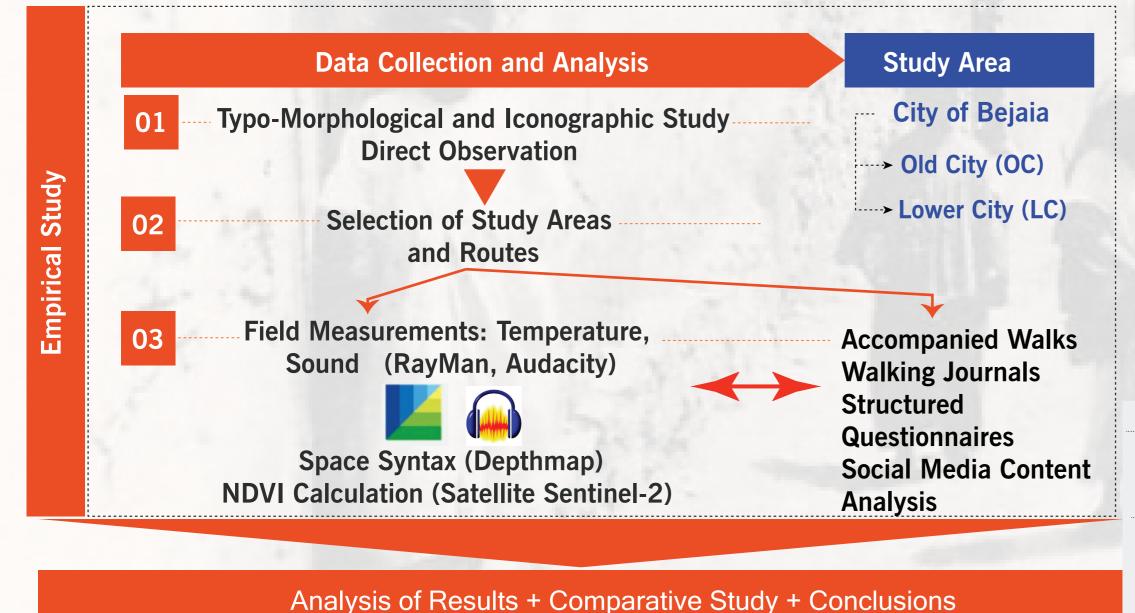
RESEARCH CONTEXT AND PROBLEM STATEMENT

Rapid urbanization and the intensification of human activities are profoundly altering the urban landscape, contributing to environmental degradation and climate change, particularly through the increase in greenhouse gas emissions associated with excessive use of motorized transport. These transformations of the urban landscape lead to public health issues, such as physical inactivity, and exacerbate thermal and noise discomfort, affecting the well-being of city dwellers (World Health Organization, 2022). In this context, walking in the city, as a direct interaction with the urban landscape, becomes essential for enhancing quality of life, promoting public health, and encouraging sustainable urban development.

How the characteristics of the urban landscape influence pedestrian perception and experience of walking in the city.

RESEARCH METHODOLOGY





Integration and Synthesis of Results (Comprehensive Understanding of the Impact on Perception and Walking Experience)

CASE STUDY



Old City of Bejaia (Medina) ———

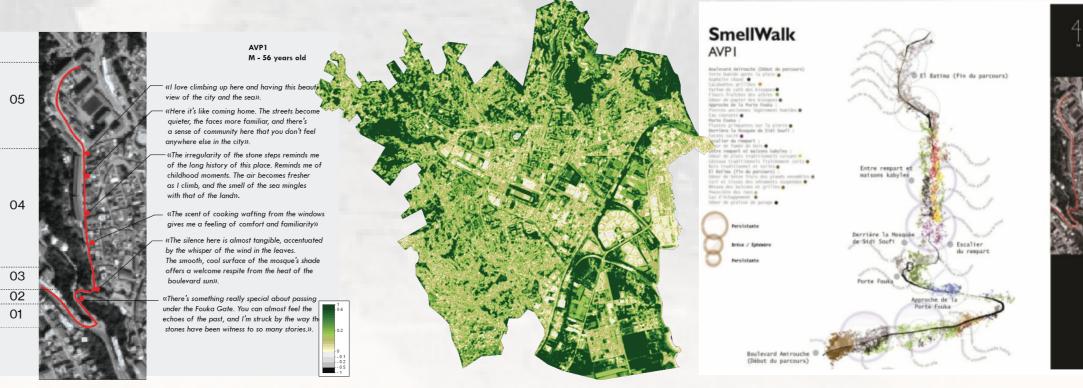
The selected case study for this research is the city of Béjaïa in Algeria. The study focuses on two distinct areas of the city: the old town of Béjaïa (the Medina), characterized by its ancient urban fabric, and the lower city, which represents a more modern area.





Photos taken in the old city of Bejaia. Source: Taken by the Yacine MANSOURI, 2023

EXAMPLES OF FIELD DATA AND RESULTS



Accompanied Walks NDVI Calculation

Representation of Sensory Qualities



Université libre de Bruxelles Faculté d'Architecture

ECLAS Conference Brussels 2024









