



# Cihan University- Slemeni

## Academic year 2025-2026

### First semester

5TH STAGE URBAN DESIGN

3<sup>RD</sup> LECTURE

SITE STUDY

# Site Study

## Site location

## Historical Background

## Site Condition:

### A. Architectural conditions

Building Height

Functions

Buildings age

Buildings materials

Architectural features

Structural condition

### B. Visual Study

Façade typology and skyline

Location Axiality

### C. Circulation Study

Car Accessibility

Pedestrian

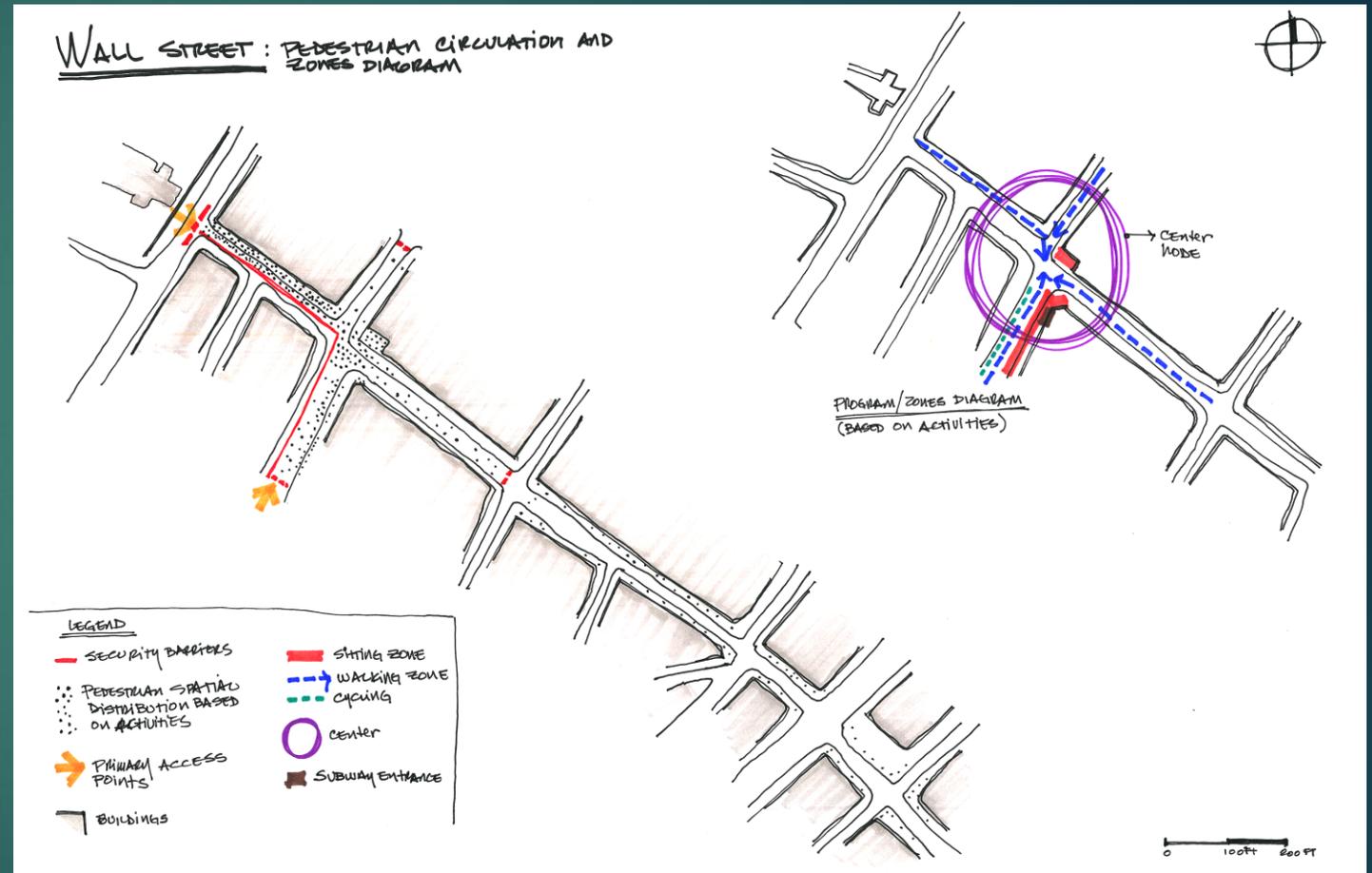
Car parking

# C. Circulation study

It is the study of the circulation system of the area to monitor the problems associated with the accessibility and propose the solution to make the area more vital and penetrated.

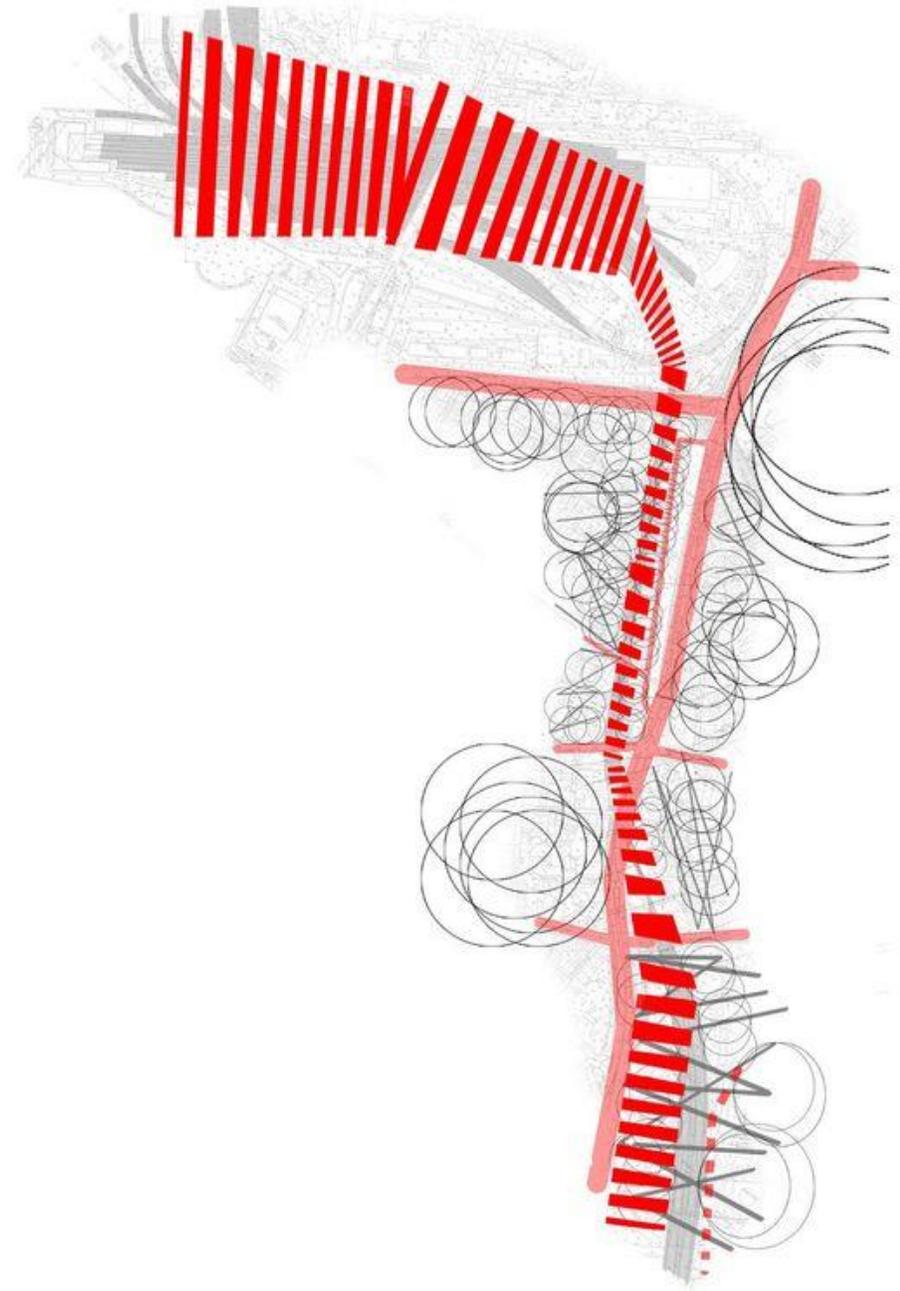
It consist of the study of the following systems:

1. Car Accessibility
2. Pedestrian
3. Car parking



Condition simulation:

The presentation of the real condition in a representing maps according to the peak hour counting.

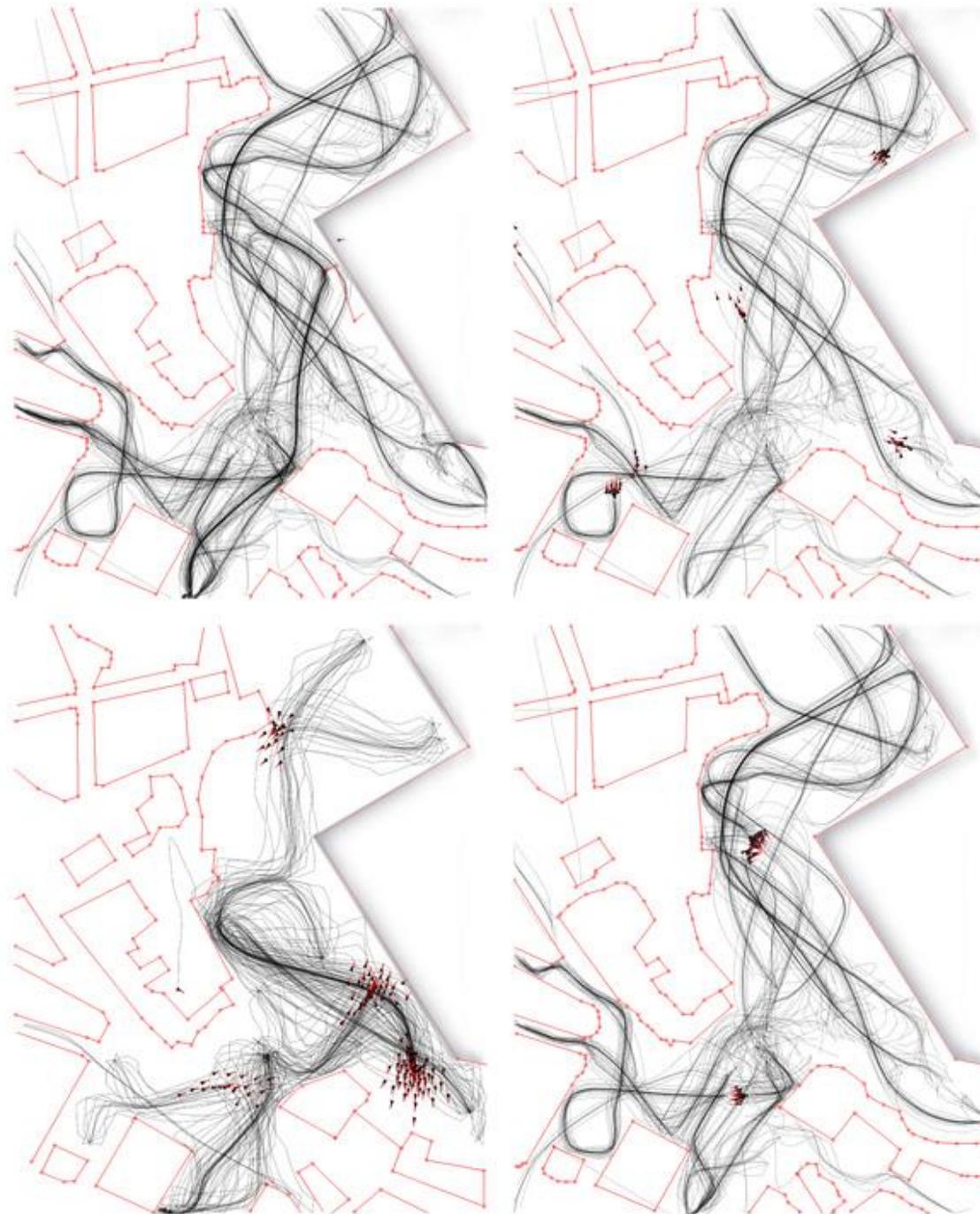


These studies are not only related private car traffic system, but it also related to the all-traffic systems including:

Public transport system

Subway transport system

Other means transport systems



# 6

simulari/studii de  
circulatie

legatura intre piata Ovidiu  
si esplanada portului



multiplicity

HYBRID

1  
KIRCHBERG  
Luxexpo

multiplicity

ZR 9549

الملكية الوطنية للتأمين  
RMA WATANYA



BMCI

BMCI



محطة أين دياب الشاطئ  
Ain Diab Plage

ALSTOM







623 SW OAK

2



CHAT

CHAT



# Pedestrian

- ▶ The study of walkway and its suitability to provide a safe and proper environment for walker.
- ▶ Taking into consideration that any urban design seeks to provide an objective that “ we design for human not for cars”
- ▶ Using the strategy of separation between pedestrian and cars is the most suitable for any district to reduce dangers associated with walkers and highlight the

## **HUMANIZATION OF PLACE**



Berlitz

IWC  
SCHAFFHOUSE

BALLY

TER RUDOLF HÜBNER

HÜBNER

swatch+

BRAMO

swatch

158



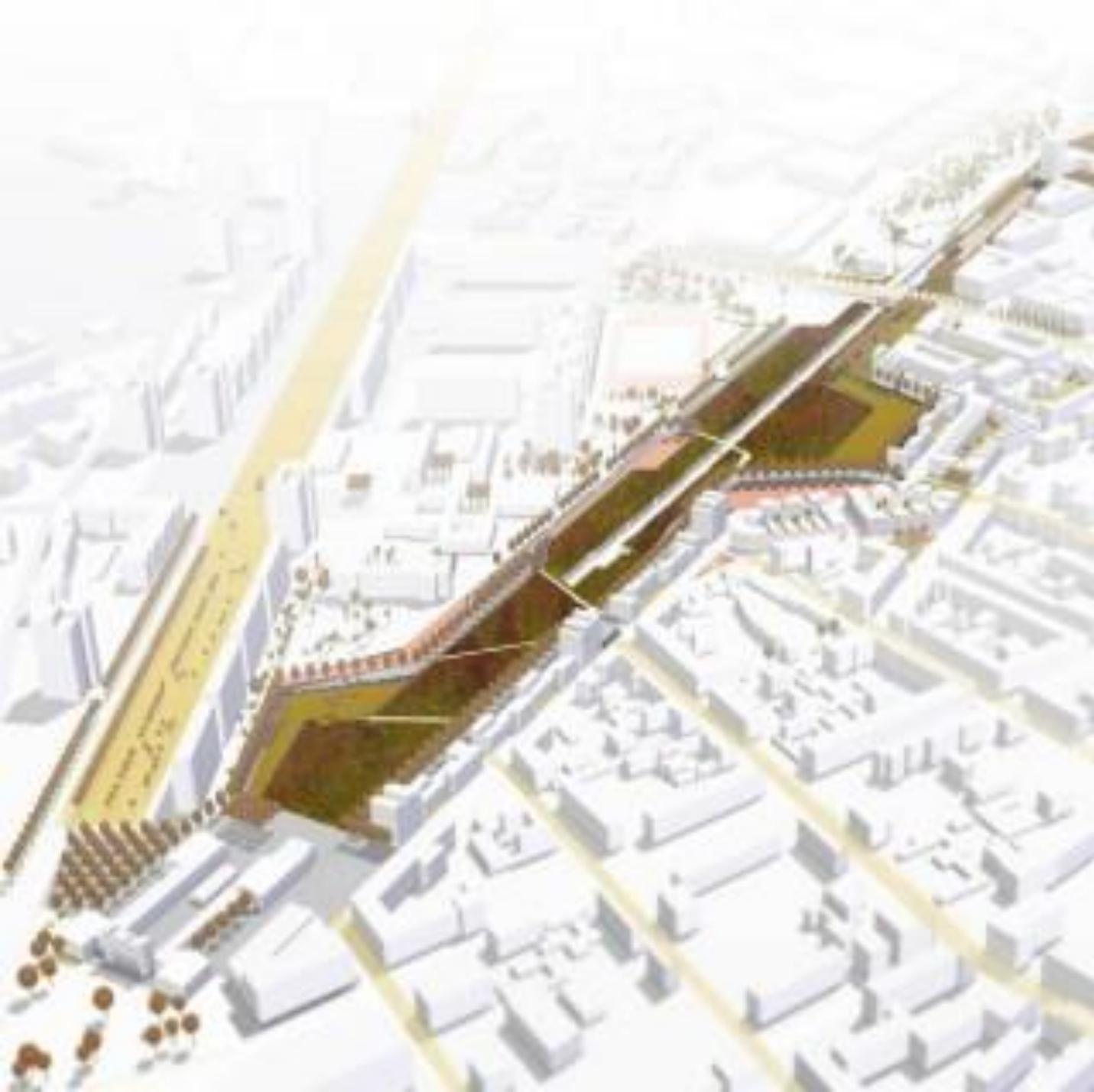
# Car parking

- ▶ The study of available and needed car parking lots
- ▶ The distribution of ground and multistory car parks.



# Solutions and strategies

- ▶ Considering the routes for pedestrian and routes for cars and other transport systems
- ▶ Separation into between cars and walkers in levels, time of occupation of the street
- ▶ Defining the sustainable and carbon reduction means of transport.





# PLAN FOR TRANSPORT AND CIRCULATION

