



CLIMATOLOGIE URBAINE

URBAN CLIMATE

Lecturers: **Pietro SALIZZONI**

| Lecturers : 15 | TC : 0.0 | PW : 0.0 | Autonomy : 0.0 | Study : 10 | Project : 0.0 | Language : MI

Objectives

The density of buildings and the construction materials used deeply alter the exchange of heat, humidity and momentum in the urban canopy, compared to a rural environment. These modifications induce very specific thermal and microclimatic conditions, which can in turn have a profound influence on the comfort of life. This module presents the issues associated with building architecture and urban planning to minimise the climate impact of urban areas, minimise the energy consumption of buildings and maximise the comfort of urban spaces.

Keywords :

Programme

Thermal comfort of urban spaces CM 11h + BE 6h
Natural ventilation of buildings: CM 4h + BE 4h
(4h CMs are shared with the HD Stream - Air Renewal)

Learning outcomes

Independent study

Objectifs : This activity is not concerned with framed autonomy activities outside personal work.

Méthodes : This activity is not concerned with framed autonomy activities outside personal work.

Core texts

Assessment