

AR-302(a)

Studio BA6 (Viganò)

Viganò Paola

Cursus	Sem.	Type
Architecture	BA6	Obl.
HES - AR	E	Obl.
Mob. AR	E	Opt.

Language of teaching	English
Credits	10
Withdrawal	Unauthorized
Session	Summer
Semester	Spring
Exam	During the semester
Workload	300h
Weeks	14
Hours	6 weekly
Courses	2 weekly
Project	4 weekly
Number of positions	
It is not allowed to withdraw from this subject after the registration deadline.	

Remark

Inscription faite par la section

Summary

The design studio continues the exploration of the possibility to conceive the city, the territorial and urban space, as a renewable resource. The research concerns the tools, conceptual and operational, to design it coherently.

Content

We need an open perspective on the design of cities and territories. Space is back again at the centre of our preoccupations: as a support which defines conditions, which asks to renew the practice of the urban and territorial project, in between urban design, landscape urbanism, regional and environmental planning. In the common field of the city-territory a new approach must be imagined, starting from individual and collective practices, natural dynamics, rationalization processes.

The Alps are a special context in Europe where to study the relation between artificial and natural rationalities. Climate change acts inside this context as a stressor and as a connector. The Alps are crucial in the European space; their modifications can affect territories wider than the Alps themselves. Following the main rivers from the alpine sources to the sea, connecting the upstream territory with the plain downstream can construct an ideal section through the European territory. Strategies of mitigation and adaptation to climate change can be the starting point to re-contextualise the Alps inside Europe and for designing innovative habitat. These are the tasks of the studio.

New life-cycles will open up in the Alpine territory in relation to climate change: from the big hydraulic infrastructural works to face the flooding risk till the dismantling ski-resorts. In both cases the embodied energy in the territory is to be investigated and considered as "spatial capital" to be recycled in a new cycle, inside new social geographies. Urban and territorial prototypes will be elaborated to give a concrete spatial configuration to these changes.

Keywords

City-territory, resource, life-cycles, embodied energy, inclusion

Learning Outcomes

By the end of the course, the student must be able to:

- Carry out territorial reading.
- Elaborate a critical evaluation of territorial and urban projects.
- Construct scenarios.

- Develop inter-scalar strategies.
- Elaborate urban and territorial prototypes.

Teaching methods

The studio is organised as a research team. The work is organised through a series of design operations:

- fieldwork
- mapping
- prototypes as "concrete description of future situations".

The students will get acquainted with GIS, surveys and critical reading of texts and projects. Seminars will be organized among students, local experts and scholars.

Expected student activities

As a minimum, students will have to produce for each semester:

- 3 A1 boards,
- 2 models at different scales,
- 1 album and a CD.

Other expected activities will be specified as the studio progresses.

Assessment methods

The materials produced by each student will be the basis for a presentation to be assessed taking into account:

- The student's contribution to team and individual work;
- The quality of representations and of the project;
- The ability to place this work within a wider context;
- Investigation of the proposed literature.

Resources

Ressources en bibliothèque

- [Water and asphalt / Vigano](#)