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**SUMMER
SCHOOL**

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Universitat d'Alacant



OPOLE UNIVERSITY
OF TECHNOLOGY

DOTTORATO IN
PAESAGGIO E AMBIENTE



SAPIENZA
UNIVERSITÀ DI ROMA



POLITECNICO
MILANO 1863

**Towards
an
ecological
city:
WATER & PUBLIC SPACE**



FORMATIVE CREDITS - 3 ECTS

Paris - 2019, fountain transformed into an open-air swimmingpool to combat the heat wave

**20 / 24 sept
2021**

<https://aude.unipv.it>

//////////ONLINE EVENT

Towards an ecological city: WATER & PUBLIC SPACE

The 2021 Summer School will focus on water and public spaces in urban areas.

WHICH PROBLEM? Climate change is confronting global cities to extreme conditions that are not able to control natural events anymore. The process of urbanization has marginalized nature and water, provoking side effects: heat island, increasing of pollution, soil-sealing. Thus urban citizens are demanding healthy cities.

HOW TO ACT? We believe in Public Spaces. A new approach in designing public spaces through water can respond to these extreme conditions that threaten cities. The aim is to reflect and investigate through international case studies and theoretical lectures the importance of water inside the contemporary city.

Lectures will be run online in order to make the programme accessible to a wider number of participants. Tutors, lecturers and special guests as well as academics from a broad range of disciplines such as engineering, hydraulics, sociology, philosophy, architecture and economy will participate. The most interdisciplinary we are more reflections we have!

PRESENTATION & OBJECTIVES

University of Pavia, Department of Civil Engineering and Architecture organizes an intensive **International Summer School** for PhD students, Master students and Bachelor Students of different disciplines from international universities who want to broaden their knowledges on the relation between water and the city. It offers a unique opportunity for students to develop skills in this field.

The goal of the Summer School is to enable students from different countries and educational backgrounds an experience of multicultural and interdisciplinary studying, while actively networking with each other and lecturers.

Scientific Committee

Monika Adamska,
Opole University of technology

Nivaldo Andrade
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Sapienza University of Rome

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International partners

University of Pavia

Opole University of Technology

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Universitat Jaume I

Tongji University

Sapienza University of Rome

Politecnico di Milano

Universidade Federal da Bahia

SUMMER

SCHOOL AIMS

Public space is today more than ever subject of debate and deep cultural and architectural reflection. In a historical moment in which it is necessary to redefine the role of the contemporary city, European and International policies are increasingly pushing towards the development of ecological and human-oriented cities. It is an urgent issue: cities today must know how to combine artifice and nature. Public space as a place for the community can represent the starting point for orienting sustainable development within the cities.

Water from the sky, water under the ground: water has always been a fundamental resource for life. Even though cities are facing today serious problems related to water. Flooding represents only one part of it: water bombs hit everybody! Soil sealing, bad management of water collection systems, bad design of water systems, etc. turn water into a threat (that's a common problem in global cities!).

But it's true also, that if on the one hand

water can represent a threat, on the other it can constitute an interesting area of research and opportunity for the regeneration of the city through new public spaces activated by this resource, thus combining built environment and nature.

20
30 AGENDA

WATER
ECO ——— LOGY
CLIMA
TE
CHANGE
GREEN DEAL

Highlights

- Climate change in the city: understanding the process and impacts on human health and on urban environment
- Exploring future scenarios for public spaces in response to climate change
- Understanding the benefits of mitigation and adaptation strategies
- Architectural strategies to design public spaces through water
- Understanding social impact
- Environmental strategies

PRACTICAL INFORMATIONS

When will take place?

The International Summer School will take place from **20 to 24 September 2021** during which you will attend lectures and do exercises from **9.00 to 13.00 (italian time)**.

How will take place?

The International Summer School will be held online in **English** through the use of **Zoom platform**.

Course credits

Students who successfully attend the courses proposed by the Summer School will be awarded **3 ECTS** credits.

For the students from the University of Pavia:

- Are recognized 3 ETCS for thesis laboratory
- Participation to single lectures count for thesis laboratory

Application procedure

All PhD, Master and Bachelor students from different disciplines from all over the world are welcomed to participate to the International Summer School.

All participants from non-partner institutions will have to pay a registration fee of **100Euros**

Participants must submit the registration request **before Wednesday 1 September 2021** to the address **aml@unipv.it**.

After sending the registration request, a registration form and payment details will be sent.

Contacts

aml@unipv.it

<https://aude.unipv.it>

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INTERDISCIPLINARY

LECTURES

Renzo Rosso, Politecnico di Milano (Italy)-**Laura Menéndez Monzonìs**, Universitat Jaume I (Spain)-**Sandra Ricart**, University of Alicante (Spain)-**Simone Orsenigo**, University of Pavia (Italy)-**Harry Den Hartog**, Tongji University (Shanghai)-**Marco Bencivenga**, COLLA - collaborative in learning and action (Italy)-**Maria Francisca Zaragoza Marti**, University of Alicante (Spain)-**Fabio Di Carlo**, Sapienza University (Italy)-**Javier Climent Agustina**, Universitat Jaume I (Spain)-**Andrea Oldani**, Politecnico di Milano (Italy)

**to be confirmed*

DESIGN EXPERIENCE



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