

# Urban Ecology: The Green within the City

*advanced course*

25–29 July 2022  
Lisbon, Portugal



Welcome to the advanced course on Urban Ecology.

The course is co-organized by cE3c – Centre for Ecology, Evolution and Environmental Changes of Faculdade de Ciências da Universidade de Lisboa and the School of Agricultural Engineering of the University of Seville (ETSIA-US). The course is supported by the COST Action CA17133 Circular City.

The course is organized by Pedro Pinho and Rocío Pineda-Martos, along with Cristiana Aleixo, Julia Bentz, Cristina Branquinho, Ana Carolina Dias, Paula Gonçalves, Filipa Grilo, Raquel Mendes, Bernardo Rocha & Margarida Santos-Reis.

## Location

The course will take place from 25 to 29<sup>th</sup> July 2022 at Faculdade de Ciências da Universidade de Lisboa, on room 2.3.37. This means that it is room 37, located on building C2, 3<sup>rd</sup> floor). You can [find here](#) the approximate location. Once you have reached the building climb to the 3<sup>rd</sup> level (look for the level numbers as you will very likely be entering by level 2) and you will find the room on the middle of the central corridor.

Lunch is not included, but within the campus you can find several options for lunch, with a cafeteria on each main building, along with a small restaurant on building C7. Some snacks will be provided during coffee breaks.

## General Program

The course will take place from 9:00 to 17:30 every day, with a lunch break from 12:30 to 14:00 and two coffee breaks during mid-morning and mid-afternoon. Thursday 28 will be dedicated to COST Action Circular City, with lectures within the course topic. This day will be open to all, being broadcasted to all wishing to attend.

## Monday 25

- 09:30 10:30 welcome, course structure and introduction to the practical work | Pedro Pinho & Rocío Pineda-Martos
- 11:00 12:30 students' presentation and group setup | Julia Bentz & Pedro Pinho
- 14:00 14:45 urbanization, urban green infrastructure, ecosystem services, nature-based solutions | Pedro Pinho
- 14:45 15:30 green spaces and human health | Cristina Branquinho
- 16:00 17:30 practical work

## Tuesday 26

- 09:00 09:45 first analysis of practical work and group set-up | Julia Bentz & Pedro Pinho
- 09:45 10:30 urban heat island and nature-based solutions | Filipa Grilo
- 11:00 11:45 building-integrated vegetation | Luis Pérez-Urrestarazu #online#
- 11:45 12:30 aquaponics | Víctor Fernández-Cabanás #online#
- 14:00 14:45 urban green infrastructure & human well-being | Paula Gonçalves
- 14:45 17:30 practical work

## Wednesday 27

- 09:00 10:30 public engagement in sustainability transformations | Julia Bentz
- 11:00 11:45 creative processes to foster sustainability in cities | Ana Carolina Dias #online#
- 11:45 12:30 remote sensing in urban areas | Cristiana Aleixo
- 14:00 14:45 ecological indicators in cities | Bernardo Rocha
- 14:45 15:30 aquatic nature-based solution restoration | Mónica López-Martínez & Bárbara Martínez-Escrich
- 15:30 17:00 visit to Lisbon water nature-based solutions | Mónica López-Martínez & Bárbara Martínez-Escrich

## Thursday 28 – COST open day

- 09:00 09:45 COST Action CA17133 Circular City | Rocío Pineda-Martos
- 09:45 10:30 latest activities WG4: Urban farming (Circular City) | Rocío Pineda-Martos
- 11:00 11:45 NBS for circular cities | Marco Hartl #online#
- 11:45 12:30 urban ecology research gaps | Pedro Pinho
- 14:00 14:45 exploring the nexus between climate change, agriculture, and food planning
- 14:45 15:30 the economics of NBS | Maria Beatrice Andreucci
- 16:00 17:30 practical work

## Friday 29

- 09:00 09:45 economy of nature-based solution, examples | Maria Beatrice Andreucci
- 09:45 10:30 urban climate over the world | António Lopes
- 11:00 11:45 engaging younger generations with urban nature | Raquel Mendes
- 11:45 12:30 practical work
- 14:00 17:00 final work presentations
- 17:00 17:30 closing

## Contacts of trainers

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