



**EU CONEXUS**  
European University for Smart  
Urban Coastal Sustainability



Co-funded by  
the European Union

# EU-CONEXUS Workshops for High-Schools

We are delighted to announce you that we will continue our series of workshops for high-schools for the upcoming four years as well. We are inviting therefore high-school pupils of the partner countries to broaden their knowledge in Smart Urban Sustainability topics by participating at the activities we organize for them.

The main theme of our Alliance, Smart Urban Coastal Sustainability, responds to the challenge of environmental transition energy, and digital transformation, which are especially relevant for the sustainability of coastal areas. The challenges of a sustainable development in the coastal area are interdisciplinary and must be addressed accordingly.

Coastal sustainability is an essential aspect of responsible living, and it can be achieved by implementing the 9R framework. This framework emphasizes reducing waste and adopting a circular economy, which is crucial for coastal ecosystems' health and longevity. By practicing the 9R framework, we can reduce the amount of plastic waste and other pollutants that end up in the ocean, thereby protecting marine life and maintaining the delicate balance of the coastal ecosystem.

At the Alliance level, the activities dedicated exclusively to pupils are organized by The EU-CONEXUS School Committee. This Committee is responsible for raising awareness about SmUCS topics, careers and skills for pupils, developing an EU-CONEXUS ecosystem, promoting an open science and education, working across disciplines by using challenge-based approaches.

Through our workshops, pupils can now bring their contribution to a more sustainable and smart future that benefits both the people and the planet, while exercising their civic engagement and responsible citizenship.

These activities take place under the umbrella of the EU-CONEXUS University to School Programme, led by our partners from Technical University of Civil Engineering and made up of national representatives from all the partner countries, with the exception of Rostock University (Germany).

Partners will organize annually:

- virtual EU-CONEXUS Open Day and Week for Schools presenting the Alliance, University to School Programme
- workshop(s) at national level promoting SmUCS topics and careers (according to each university's profile), for example STEAM approach on Entrepreneurship, related to Sustainability and Climate action for High-School students.



## The importance of our workshops

Smart urban coastal sustainability is the answer to the societal challenges of environmental transition, energy transition, and digital transformation. EU-CONEXUS promotes a complementary and interdisciplinary approach to these major societal challenges.

Coastal areas provide provisioning, regulating, supporting and cultural ecosystem services, which are important, not only for local communities, but also for the wellbeing of whole nations. However, coastal ecosystems are expected to be heavily affected by climate change in the future, but also by many other threats related to natural and human disturbances such as increasing erosion and flooding risks associated with sea-level rise and local changes in storminess.

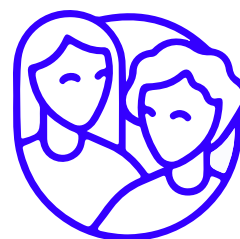
As other regions in the world, European coastal areas and seas have been changing over the time, under both natural processes and centuries of human activities, such as polderisation, dredging or shoreline artificialization. The ongoing sea-level rise makes coastal areas more exposed and vulnerable to coastal hazard and dreads the sustainability of urbanized coastal areas.

In this context, our workshops will bring together scientists and students to share the latest progress and discuss new ideas dealing with coastal hazards and risks.

The workshops aims to develop English and STEM skills through a Smart Urban Coastal Sustainability Focus. At the same time, students will be learning valuable skills that help them be more effective at communicating with different audiences in different situations and understanding how to brainstorm and work on solutions for real-world problems.

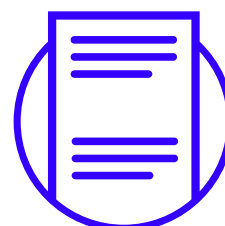
## Audience

Depending on the host university, EU-CONEXUS participants will receive a certificate and a few EU-CONEXUS goodies. The Workshops are free of charge. The costs of transfer should be assumed by the school.



## Programme

Students will either visit their local EU-CONEXUS partner university or the representatives will visit the schools for the face to face sessions that will be conducted by our partner universities. The workshop will be given in English.



## Part 1

Common introduction about EU-CONEXUS and Smart Urban Coastal Sustainability. This part will be conducted by a representative from the EU-CONEXUS community.

## Part 2

Based on the topic chosen by each school, experts from the partner institutions will lead the corresponding workshop. The exact duration of the workshops will be communicated by the host university.

## Workshops provided by:



La Rochelle Université, France



Agricultural University of Athens, Greece



Technical University of Civil Engineering, Bucharest, Romania



Klaipeda University, Lithuania



Universidad Católica de Valencia. San Vicente Martir, Spain



University of Zadar, Croatia



South East Technological University, Ireland

# The Climate Fresk Workshop

3 hours, Groups of 4-7, 1 animator in 46 countries and 30 languages

- A scientific workshop based on IPCC reports designed to raise awareness of climate change.
- A deck of cards representing the components of climate change.
- Create cohesion through the methodology of collective intelligence.
- Collaborative, creative, and fun!
- Generate the desire to act and engage participants.

Powered by [ClimateSfera](#)

- a multidisciplinary group specialized in sustainability, alongside The EU-CONEXUS School Committee Representatives
- ClimateSfera takes concrete actions and implements projects that raise climate change awareness.
- More information about this NGO and their activity can be found on their [website](#), [Facebook](#) and [Instagram](#) pages



## South East Technological University, Ireland



SETU hosts a wide array of engaging events throughout the year catering to all age groups in primary and post primary schools, through our Science, Technology, Maths and Engineering (STEM) Hub CALMAST. Events include STEM Careers Events and targeted Women in Tech Careers Event throughout the school year, the South East Engineering Festival in March, the Bealtaine Living Earth Biodiversity festival in May, and the STEM Entrepreneur Camp in June. In August, SETU participates in the Spraoi Street Theatre Festival with a dedicated STEM street featuring activities, games and puzzles.

CALMAST has developed a 6-week sustained engagement programme for secondary school pupils focusing on the theme of sustainability and climate action. This programme brings Industry, SETU and Schools to work together on this important area.

Throughout the year, SETU, through CALMAST, actively contributes to various festivals and events promoting Science, Sustainability, Environment, Technology, Maths, and Engineering in South East Ireland, solidifying its reputation as the key driver of STEM engagement in the region.



## La Rochelle Université, France

In France, workshops proposed by La Rochelle Université are organized around different games sessions: Quiz on climate change or on SmUCS related careers, jobs fresco, board game "My little plot of sea" designed to build and explore the relationships that bind us to the ocean and raise awareness of the complexity of the socio-ecosystem of the sea and coastline.

Depending on the games, the workshops last between 30 minutes to two hours.



### When?

The availability of each workshop will depend on the EU-CONEXUS institution leading it.

Interested schools should send their requests to their local EU-CONEXUS representative, contacts below.

## Local contacts

**Greece** - Agricultural University of Athens (AUA) - Antonios Vlassopoulos [avlassopoulos@aua.gr](mailto:avlassopoulos@aua.gr)

**Lithuania** - Klaipeda University (KU) - Milda Borisovienė [milda.borisoviene@ku.lt](mailto:milda.borisoviene@ku.lt)

**France** - La Rochelle Université (LRUniv) - Christelle Tallon [christelle.tallon@univ-lr.fr](mailto:christelle.tallon@univ-lr.fr),  
[schoolcontest-eu-conexus@univlr.fr](mailto:schoolcontest-eu-conexus@univlr.fr)

**Spain** - Catholic University of Valencia (UCV) - Raquel Blave [euconexus@ucv.es](mailto:euconexus@ucv.es)

**Croatia** - University of Zadar (UNIZD) - Ivana Zubak Čžmek [izubak@unizd.hr](mailto:izubak@unizd.hr)

**Romania** - Technical University of Civil Engineering of Bucharest (UTCB) - Paul Danca  
[paul.danca@utcb.ro](mailto:paul.danca@utcb.ro) and Lavinia Turcu [Lavinia.turcu@utcb.ro](mailto:Lavinia.turcu@utcb.ro)

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**Cyprus** - Frederick university (FredU) - Loutsia Nardi - [l.nardi@frederick.ac.cy](mailto:l.nardi@frederick.ac.cy)

## Questions?

If you have any questions, contact your local EU-CONEXUS representative.

