



# PULCHRA PROJECT NEWS

Issue #1 2021

*Hear the latest news from the PULCHRA project*

**SCHOOL STUDENTS WORKING WITH COMMUNITIES AND EXPERTS TO  
EXPLORE CITIES AS URBAN ECO-SYSTEMS**

[www.pulchra-schools.eu](http://www.pulchra-schools.eu)



Dear all,

I wish to extend my deepest appreciation for having you on board the PULCHRA project funded by the Science with and for Society (Horizon 2020) program of the European Commission. I hope that our science education journey will be fascinating and productive. After all, we have the opportunity to speak about challenging issues, such as the link between cities and climate change, how we can approach cities as urban ecosystems, how we can promote clean energy, etc. Equally important is the fact that the project applies the concept of open schooling, namely that schools, in cooperation with other stakeholders, become an agent of community well-being, with students and teachers being the key players. I really hope that all schools will exploit the opportunities offered by the project and will work out partnerships with other schools in the project, thus taking advantage of its wide European dimension.

Prof. Constantinos Cartalis, National and Kapodistrian University of Athens



## Collaborating on Open Schooling

PULCHRA has become part of an open schooling collaboration called Open Schooling Together. This initiative represents 9 EU funded projects linked to science education innovation and are located in 33 different countries. The projects are planting the seed for new education systems that foster the competencies that modern societies require, and that will help align research and innovation processes to societal values, needs and expectations. We're looking forward to what we can do together. To find out more [sign up for the newsletter](#) and follow us on [Twitter](#) or [Facebook](#).



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824466.

## DON'T BE AFRAID OF REMOTE SENSING

### AN EFFECTIVE METHOD USED IN THE PULCHRA PROJECT

One of the tools available to our students within the PULCHRA project is the Remote Sensing (RS) Tool.

The tool allows students to explore satellite imagery and obtain data that can support or complement their own research.

#### Wondering where remote sensing can be used?

Read an interview with Přemysl Štych, senior lecturer at the Department of Applied Geoinformatics and Cartography, who helps students in the Czech Republic to obtain and interpret remote sensing data.

[Read the article](#)



**DO YOU WANT TO KNOW THE NAME OF THE CITY?** The picture above shows a presence or absence of vegetation in the capital city of one of the PULCHRA partner countries. Try the **Remote Sensing Tool** to find out. The image that comes from the Landsat 8 satellite presents the Normalized Differential Vegetation Index (NDVI).

## Covid will not put PULCHRA in danger.

All countries involved in the PULCHRA project have been affected by online teaching and constraints, which make working on the project more difficult for all coordinators, teachers, students and others stakeholders.

Nevertheless, we manage to meet, work on projects, organize online

events, process outputs and other activities related to PULCHRA projects.

Thank you for that! We believe it will be better and we wish you a lot of strength. Please persevere in your effort!

[Read what happened in each country](#)







# PULCHRA SCHOOLS NEWS

Issue #1 2021

*Hear the latest news from PULCHRA schools across Europe*

## Don't litter

Czech students at the Postupická secondary school that participate in the Pulchra project have chosen waste management and raising public awareness of proper waste sorting and disposal.

During their project work, they use data from remote sensing. Read more about their project and what they have already done.

[Read the article](#)



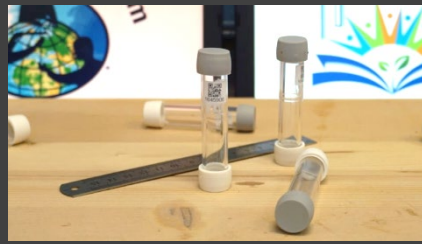
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## A LITTER-FREE TOWN

The team of City Science Researchers from the elementary school in Ledeč nad Sázavou (the Czech Republic) decided to examine the waste management system in their city. Read about how they research a willingness of residents to sort out their waste and what more they are planning.

[Read the article](#)



## AIR POLLUTION - THE SILENT KILLER

Students at Ashbourne Community School, Ireland, teamed with their local government level 'county council' to conduct a traffic count on nearby roads whilst measuring traffic-related pollution in the local area. They are now working on an anti-idling campaign and addressing mobility patterns around the school. Get inspired by their air quality investigation.

[Read the article](#)



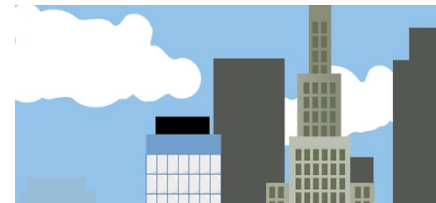
## MAKING A PULCHRA WORLD

Can't meet each other live? Try it online. Students from Cyprus involved in PULCHRA project presented their posters at a webinar in January 2021. Look at their posters and get inspired by their activities.

[Read students' posters](#)

## HAVE YOU TRIED PADLET?

Students from the Kings Hospital school, Ireland, have. Their Padlet board shows the first part of their project focused on measuring air quality at their school. Now they are researching student mobility (school commute) and exploring options to plant trees/shrubs around their school. [See their project on PADLET](#)



## THE PULCHRA PROJECT TEAM FROM THE LATVIAN CITY KANDAVA

managed to meet "live" despite current complicated situation. They plan to create a mobile guide of their beloved region for anyone, who would like to discover the its beauty. We look forward to seeing it! [Read more about their meeting.](#)

# INSPIRE AND GET INSPIRED!

## 45 PROJECTS ARE PUBLISHED ON THE PULCHRA PLATFORM

### Do you know?

REGENERATION URBAN SPACE to connect People in a Healthy Environment is the most common topic for the first project year.

PULCHRA Platform provides educational materials, Remote Sensing Tool and Data Visualisation Tool?

## SHOW OFF YOUR PROJECT

Your article can be in the next issue of the Newspaper.

Send your article to:

Email\_address@country\_coordinator.com and it could be shared on the PULCHRA social networks and on the blog!  
<https://pulchra-schools.eu>

Don't forget to follow and share the PULCHRA social media too on [Twitter](#) and on [Facebook](#).



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Compiled by [TEREZA](#), Educational Centre and An Taisce EEU in cooperation with all PULCHRA partners. Contact us [PULCHRA website](#)

