



## How 'cool' is Your School? *Investigating the Urban Heat Island Effect*

This March 30+ Irish Schools have participated in the international GLOBE Urban Heat Island Intensive Observation Period.

GLOBE Ireland has a tradition of scheduling **online presentation sessions** for the Irish students to share their **UHIE findings** and **ideas for building heatwave resilience**, and this year we would love to open some of the sessions to include a few more GLOBE community schools as we know our students benefit from international exchange building a global perspective of the climate challenges observed in their projects.

**As such, if you had any schools that collected surface temperature data we would love to connect to them.**

If you are interested in participating as a **curious observer** to the presentation sessions, you are also very welcome! **Email Maya Gryesten Fields [mgryestenfields@eeu.antaisce.org](mailto:mgryestenfields@eeu.antaisce.org) with the timeslot you are interested in joining and she will get back to you with the zoom link.**

**This year, the online presentation sessions will take place at the following times:**

- Wednesday April 10<sup>th</sup>, 10-11 IST [*tentative*]
- Thursday, April 11<sup>th</sup>, 10-11 IST
- Thursday, April 11<sup>th</sup> 11.15-12.15 IST
- Friday April 12<sup>th</sup> 9-10am IST [**primary schools only 8-12**]
- Friday April 12<sup>th</sup> 11-12am IST

**About the presentation sessions:** Each school is invited to give a short 5min presentation using powerpoint, or images, or just talking through their results and project findings, giving some context about their community and local heat-risks.

After each presentation, some of our Irish engineering or sustainable city design experts provide advice/suggestions for participating students.

*The students are sharing their work in progress* with the purpose of getting advice, and suggestions from the GLOBE Team and invited guests on taking the next steps of their project. For the Cool Schools heat-wave resilience project, we especially hope to see students suggesting mini ponds, rain gardens, protection of mature-canopy cover, and permeable pavement, green roofs etc.

**About GLOBE Irelands March Land Cover, Surface Temperature, and Heat Risk Resilience investigation in Ireland:** This STEM climate education project aims to increase understanding of heat risk in urban areas in Ireland and empower students to create nature-based urban cooling solutions for their school grounds. Over 3 weeks March 1st- 21st, students have measured surface temperature, recorded cloud cover, and mapped blue, green, and grey areas of their school and their neighbourhood. Finally, students are working on developing designs for a 'cool' school nature-based solutions design.

**See more here: [Surface Temperature, Land Cover, and Heat-Risk Resilience Investigation Page: How Cool is Your School? - Ireland - GLOBE.gov](#)**



## Student Presentation Timeslots:

- **Wednesday April 10<sup>th</sup>, 10-11am [tentative]**
- **Thursday, April 11<sup>th</sup>, 9.50-11.05 am**
- **Thursday, April 11<sup>th</sup>, 11.15-12.15 am**
- **Friday, April 12<sup>th</sup>, 9-10 am**
- **Friday, April 12<sup>th</sup>, 11.15-12.15 am**