

Climate Detectives hold their first Learning and Celebration Event



The Climate Detectives Learning and Celebration Event 2024 Group Picture

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24 May 2024

[Climate Detectives](#) is an exciting ESA education project where students investigate our precious planet Earth, taking part in thrilling activities and completing fun challenges. On 20 and 21 May 2024, 17 Climate Detective teams – each representing a country from across Europe - gathered together for an incredible Learning and Celebration Event, held at [ESA's European Space Research Institute](#) (ESRIN) in Frascati, Italy – the house of Earth observation!



Student teams got a chance to present their projects for the Climate Detectives 2023/2024 edition during a poster session at the Learning and Celebration Event 2024

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The students that attended were between the ages of 12 and 19, and had all completed a Climate Detectives project. They investigated a climate or environmental issue and, to do so, they used real satellite images or even collected their own data. Here are three examples:

- The Gymnázium Poštová 9 team from Slovakia measured air quality in nearby cities and the countryside, and shared ideas to increase the use of renewable energy sources.
- Climate Detectives from IES El Torrelló in Spain used [Sentinel-2 satellite](#) data to investigate the impact of fires and heavy rain, and thought of different ways to help protect their local communities.
- Students from Ecole Sainte-Sophie de Luxembourg explored waste in the oceans, and carried out a clever experiment to see how plastic degrades in water.



Students learned more about Earth observation, importance of satellites, and how to use satellite data during hands-on workshops at the Climate Detectives Learning and Celebration Event 2024.

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The Climate Detectives Learning and Celebration Event 2024 was all about recognising the Climate Detectives' hard work and accomplishments. They enjoyed inspiring presentations and fascinating hands-on workshops related to Earth sciences, as well as interacting with Earth experts from ESA. They then learned about ESA's Earth Observation programme, and even got to visit the Φ -Experience, which is a special room with unique soundscapes and interactive displays!

Congratulations to all the students that took part in the Climate Detectives project in 2023-2024, helping us to learn more about our incredible planet. Would you like to be a Climate Detective? What environmental issue would you choose to investigate? Stay tuned for the September launch of the [Climate Detectives](#) 2024-2025 edition!



Students posing for a group picture in front of posters at the Climate Detectives Learning and Celebration Event 2024.

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