



14/05/2020

WeObserve project

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## Dive into the EU's richest citizen science environmental data with the WeObserve Open Data Challenge

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For the first time citizens, communities, academics and technologists from all over the world will have access to some of the EU's richest citizen generated environmental data, spanning the H2020 Citizen Observatory projects [GROW Observatory](#), [Groundtruth 2.0](#), [Landsense](#) and [Scent](#).

Citizen Observatories are a series of projects where people across the world come together to monitor how their local areas and the planet are changing. The projects have engaged with tens of thousands of "citizen scientists" who assisted in gathering data at unprecedented scale for themes such as air and water quality, wildlife, land cover and soil.

The Open Data Challenge (ODC) is a competitive online event and tender for participating individuals/teams to innovate using open environmental data from Citizen Observatories. The winning ideas will generate new approaches, and innovative solutions using open data for the following social and environmental themes:

1. Ecosystem monitoring: Phenology, biodiversity and land cover;
2. Public infrastructure management – Soil Moisture and Drainage, Flood Mapping;
3. Community-Based Disaster Management: Flood, Fire, Drought, Heatwave Services, Landslide;
4. Regenerative food growing: yields, sustainable practices and natural pest control;
5. Pollution monitoring and health: Water quality, air quality;
6. Engaging young people on open data and climate: Education;
7. Other: Innovative applications of WeObserve data e.g. COVID19

Key dates for the ODC are:

- Registration opens: May 15, 2020;
- Registration closes: June 15, 2020;
- Submission deadline: July 17, 2020;

*WeObserve, An Ecosystem of Citizen Observatories for Environmental Monitoring*

- Awards announcement: August 5, 2020;
- Awards demo: October 2020

Two winning teams will be awarded €5,000 cash each. They will demonstrate their solutions to the EC during the WeObserve Conference in October 2020. For more information about the WeObserve ODC and how to apply, please visit the WeObserve website [here](#).

## Editor's notes

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**Short description:** WeObserve Project (full name: An Ecosystem of Citizen Observatories for Environmental Monitoring) is a Coordination and Support Action funded by the EU under H2020 Research and Innovation Programme that aims to move citizens science into the mainstream by building a sustainable ecosystem of citizens observatories and related activities. WeObserve specifically aims to develop five communities of practice to assess the current CO knowledge base and strengthen it to address future environmental challenges using CO-driven science. The WeObserve consortium will also extend the geographical coverage of the CO knowledge base to new communities and support the implementation of best practices and standards across multiple sectors. Moreover, WeObserve will reinforce links of ongoing COs with regional and global initiatives, including GEOSS, Copernicus and the UN Sustainable Development Goals (SDGs) and promote the uptake of information from CO-powered activities across various sectors and foster new opportunities and innovation in the sector of *in-situ* earth observation.

**Starting Date:** 1 December 2017  
**Duration:** 36 Months  
**Total cost/ EC contribution:** EUR 1.069.507,50 million



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**Coordinator:** [International Institute for Applied Systems Analysis \(IIASA\)](#)

**Partners:** The 7 project partners are:

- [International Institute for Applied Systems Analysis \(IIASA\)](#), Austria
- [IHE Delft Institute for Water Education \(IHE-DELFT\)](#), Netherlands
- [University of Dundee \(UNIVDUN\)](#), United Kingdom
- [Ecological and Forestry Applications Research Centre \(CREAF\)](#), Spain
- [Institute of Communication and Computer Systems \(ICCS\)](#), Greece
- [European Citizen Science Association \(ECSA\)](#), Germany
- [Autorita di Bacino dei Fiumi Isonzo, Tagliamento, Livenza, Piave, Brenta-Bacchiglione \(AAWA\)](#), Italy

**For more information:**

*[WeObserve, An Ecosystem of Citizen Observatories for Environmental Monitoring](#)*

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