

Competition by Cloud Ferro for the best satellite image of the Earth's climate change

The satellites around the Earth constantly orbit over our heads and take images that provide various types of data about our planet. Not everyone knows that access to them is free and possible from any computer connected to the network through European platforms such as CREODIAS and WEKEO, and German CODE-DE, developed and operated by CloudFerro. The company invites everyone to take part in the 2nd edition of its international competition "Seize the beauty of our planet". This year's edition theme is the climate change, its negative consequences for our planet and the need to counteract them.

Weather phenomena and climate change, which we observe more and more often, call us to take greater care of the ecosystem of our planet. Wildfires, hurricanes, floods and droughts are direct consequences of global warming caused by disrupting of the natural balance. By means of organising the competition, CloudFerro wants to show how those alarming climate situations unite people and motivate various nations to act pro-ecologically. Therefore, the slogan of this year's edition is: "Together for Green Earth!".

To take part in the contest, all you need to do is upload a satellite image of the Earth, generated on one of the platforms developed and operated by CloudFerro - CREODIAS, WEKEO or CODE-DE, where every single day about 25 TB of Earth observation (EO) data is uploaded (25 TB of data equals 12,000 hours of HD videos or 7,5 million pictures taken with 12MP camera). Competition images should show the consequences of climate change and global warming, captured by satellites in recent years.

Images should be obtained using tools and dedicated software available on the above mentioned platforms. For less advanced participants of the competition, the organizers prepared a short video instruction "[How to download EO data using EO Finder in CREODIAS and visualize it in QGIS](#)". Regardless of the experience in working with satellite data, the preparation of an image for the competition should not take more than an hour. However, it is important that the images meet the technical requirements specified by the organizers, that is: minimum resolution of 250 dpi, 4200x3000 px, JPG or TIF format.

The general audience on the Internet and a jury consisting of the representatives of CloudFerro, EUMETSAT, the European Space Agency, and German Space Agency (DLR),



will vote for the best images. The 13 winning items will be published in a unique calendar for 2022, with each shot dedicated to a different month. The organizers will additionally award the first 3 places with attractive eco-friendly electronic gadgets.

Applications for the contest should be submitted by October 31, 2021 via the contact form on the [competition webpage](#).

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