



Science APRIL 22, 2020 11:05 PM AEST

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Open Science against COVID-19: how Zenodo and OpenAIRE support scientists

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CERN, with co-funding from the European Commission, has long invested in Zenodo, a free repository for storing and sharing data, software and other research artefacts. Intended to be used beyond the high-energy physics community, Zenodo taps into CERN's long-standing tradition and know-how in sharing and preserving scientific knowledge for the benefit of all. It is hosted at CERN and provides the wider scientific community with the option of storing its data in a non-commercial environment and making it freely available to society at large.



With the COVID-19 outbreak necessitating an extraordinary collaborative effort from the scientific community and requiring scientists to act fast in sharing results across disciplines and across borders, Open Science and the tools needed to realise it are more essential and critical than

Consequently, together with [OpenAIRE](#), the Open Access Infrastructure for Research in Europe, Zenodo responded to the call by the European Commission for synchronised action and collaboration among important initiatives in the European Open Science Cloud (EOSC) in order to facilitate efforts by scientists worldwide working relentlessly to stop the pandemic.

Zenodo and OpenAIRE are today contributing to the call for action with what they do best – preserving and sharing all COVID-19-related datasets, software, preprints, and any other research objects that can help the scientific community to find a breakthrough solution to this universal problem.

Immediate actions were taken in March. The first was the creation of a [COVID-19 Research Community](#) endorsed by the European Commission. The community content, which is automatically fed into the [Open Research Gateway](#), is currently under development by OpenAIRE and will result in a single point of access to all research results and other useful resources for the Coronavirus disease (COVID-19) and SARS-CoV-2. A group of experts nominated by OpenAIRE has also been created to curate the COVID-19 community. Zenodo is adding a data curator (@StephvandeSandt) to scout for further COVID-19 uploads outside the community. Zenodo will coordinate the COVID-19 curation efforts on Zenodo with those of other teams worldwide. In addition, COVID-19-related support requests are prioritised and [Zenodo's support](#) can further offer, upon request, limited increases (beyond the current limits of 50 GB), one-on-one dedicated support via chat with Zenodo help with automated uploads to Zenodo of large datasets. Finally, Zenodo's home page has been redesigned to make sure that COVID-19 research objects and communities get the necessary visibility.

Timeline

Police seek help to find missing man at Lowood

7:41 PM AEST

COVID-19 ACCEA proposals agreed by DHSC and Welsh Government ministers

7:40 PM AEST

Engineers and technicians work to supply hospitals with vital parts

7:22 PM AEST

Temporary pragmatic solutions to immigration challenges under COVID-19

7:14 PM AEST

IATA / UPU Warn of Air Capacity Shortage

7:13 PM AEST

Police search for missing man Glenn Payne

7:12 PM AEST

New webinars to boost support for SMEs during coronavirus

7:10 PM AEST

Remembering largest naval battle fought near Australia

7:10 PM AEST

Sexual Assault and Armed Robbery

6:56 PM AEST

John Innes Centre scientist joins illustrious company in receiving American honour

6:48 PM AEST

New Bounce Back Loans to launch today

6:37 PM AEST

Mising man at Lowood

6:36 PM AEST

Regulator concludes regulatory case involving Alzheimer's Society

6:22 PM AEST

Spinout raises funding to accelerate tests for harmful bacteria

6:14 PM AEST

Aggravated Burglary – Harrisdale

5:56 PM AEST

Playgrounds and Recreation Facilities reopening

5:53 PM AEST

Council-led local recovery is good for business

5:48 PM AEST

Predators Help Prey Adapt to an Uncertain Future

5:43 PM AEST

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/Public Release. View in full [here](#).

Tags: breakthrough, CERN, Commission, community, Computing, coronavirus, covid-19, environme
infrastructure, open access, open data, research, resources, Scientists, software



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