Education as a pillar of Open Science

Accompanying notes: metadata information held on the UCL OER repository, OpenEd@UCL

|  |  |
| --- | --- |
| Title | *EOSC and the future of Research & Innovation in Europe* |
| Description | As defined by the European Commission, Open Science consists of 8 pillars of understanding, amongst which are FAIR data and the European Open Science Cloud. Drawing on the results of the EC-funded LEARN project, this paper will look at the challenges which research data management brings to the research institution in an Open Science landscape where research data are at least as equally valued as publications. How, in Rewards systems, can FAIR and/or Open research data be valued as a route to reward and promotion? The paper will look at how these concepts have been embodied into the new UCL Academic Promotions Framework.  In terms of skills development, what needs to happen to equip researchers (especially early career researchers) with the knowledge they need to work in a data-intensive environment? A recent European report has shown that, for the EU, the cost of not using FAIR data will be 10.2 bn euros a year. A second report promotes policy recommendations to make the FAIR data model sustainable. The paper will conclude by looking at the research infrastructure being put in place by UCL (University College London) to deliver on the research data agenda by studying in detail the launch of its new research data repository, which takes Open and FAIR data as the default.  Sponsoring Organisation: Focus on Open Science Workshops 2019. [https://www.focusopenscience.org/](https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.focusopenscience.org%2F&data=02%7C01%7C%7C5310f4fbf1a74977897a08d7525d64fe%7C1faf88fea9984c5b93c9210a11d9a5c2%7C0%7C0%7C637068433388702984&sdata=J9spY%2FiDjjfhGm2vByFbCzqzbby3bisP9PIRNUnrHHY%3D&reserved=0) |
| Licence | *CC BY-SA 4.0 International* |
| Keywords/tags | *Open Science, Open Data, European Open Science Cloud, Research Data, Research Data Management* |
| Language | *English* |
| Creator(s) | *Paul Ayris, p.ayris@ucl.ac.uk* |
| Division | *UCL Library Services* |
| MediaCentral URL | <https://mediacentral.ucl.ac.uk/Play/19461> |
| Date created | *16 October 2019* |