

We want to facilitate the existing resources for young researchers

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DATASEA-MAREDATA



We propose to provide resources that already exist to manage research data to the most receptive and flexible researchers, young people.

It is simple to implement the idea:

1. Contact with universities 
2. Identify doctoral students 
3. Propose them to participate in an experiment, registering themselves Gdocs form (accepting its bases) 
4. Delivery of a personalized USB to the registered students. Content:
 - a. Details of the experiment (see Annex I)
 - b. Redirect to a website
 - c. Username for DMPonline, OSF/Dropbox and Dataverse
5. A web page is designed that links to the resources that a researcher needs for their data: search data <https://re3data.org>, data management plan <https://dmponline.dcc.ac.uk/>, manage data <https://www.dropbox.com/> <https://osf.io/>, publish data <https://dataverse.harvard.edu/> (see Annex II)
6. Evaluation of the success of the experiment:
 - a. quantitative method: number of USB distributed or users that enter in DMP, OSF/Dropbox and Dataverse if they provide the data
 - b. qualitative method: feedback through a survey

Tasks:

1. Contact the doctoral schools
2. Design the registration form and conditions of the experiment
3. Produce the USB
4. Deploy the folder system in Dropbox
5. Evaluate success

Advantages of our idea:

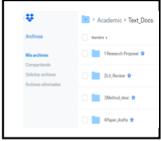
- Young researchers exist in all universities (transferability) and are used to competitions and innovations
- It is an approach that they understand: challenges, experiments, facilities, integrated applications (impact)
- The USB that is given acts as a “gift” and has the corporate image of the promoters (impact)
- The idea integrates resources that already exist, making the previous efforts profitable (feasibility)
- Partnerships with solid and extended partners such as DMP (DCC), OSF (COS) and Dataverse (Harvard) (impact)
- Standardized and proven methodology: defined needs in DATASEA; follow the FAIR budgets; tree of files and names proposed by WUR (Mary Wigham) <https://www.wur.nl/en/Expertise-Services/Data-Management-Support-Hub/Browse-by-Subject/Organising-files-and-folders.htm> (feasibility)
- It is applicable to any kind of research, institution or country (transferability)
- Presents indicators for its ex post evaluation (impact)

Idea for engaging researchers in good RDM practices

Annex I: Details of the experiment (draft)

Participating in this experiment will help you to work more easily with your own data and others. Generally, a researcher needs to: find data, plan how he will treat the data he generates, manage the data of his research and open his data. Following this [link](#) you will find a brief explanation and the resources you need.

LogIn OSF/Dropbox with the user RDMforPhD1@gmail.com and the password XXXXXXXX you will access the folder structure and descriptive file names for a PhD research. Once you decide which files should be available in open, you just have to import them from Dataverse.



Your opinion helps us improve, so you will receive a survey in two weeks.

Thank you for participating in our experiment. You can contact us at XXXX@SSSS

Annex II. Web



Maybe are you planning your Data Management Plan or maybe are you designing an experiment. As a researcher you would need to know the previous existing data. It is possible to access existing data when they have been uploaded in data banks or added to scientific papers as supplementary material:

- Re3data.org compiles the repositories <http://re3data.org>
- ODISEA records the scientific journals that support supplementary material <http://odisea.ciepi.org>



A Data Management Plan (DMP) is a brief document about how are you going to manage the data in your research project. Whether we are a PhD student or a Senior Researcher on the search for funding, we want to think about the management of the data we are going to generate. DMP are available for that <http://dmponline.dcc.ac.uk/>

As a student, there are several instructions, perhaps for your own institution. A good example can be found at University of Bath (2013). *Data Management Plan for PGRs v. 1.3*. Research 360. <http://www.bath.ac.uk/research/data/planning/tools.html>



Whether we were preparing the Data Management Plan (MPD) or investigating, we have to be clear about how to manage and store the data. There is no single pathway. Each team should design their own recommendations.

Managing data includes issues as: documenting the tools or the methods used in the research; assigning metadata... Data storing means: choosing reliable tools that warrant the integrity of data; automatic backups of data... For this task we can use Open Science Framework or Dropbox



When the research has been concluded, some data could be required to be opened by the funders or the scientific journal. Technically, it can be uploaded into a repository as Dataverse <https://dataverse.org/>, which import the file directly from Dropbox

Annex III: Tasks and budget

Tasks	Pounds
1 person: contact, design the form, folder structure in Dropbox, design the web, survey, analysis and coordinate the prize	1700
Produce the USB: corporative image and contents	50

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