



R studio cloud and Zenodo setup

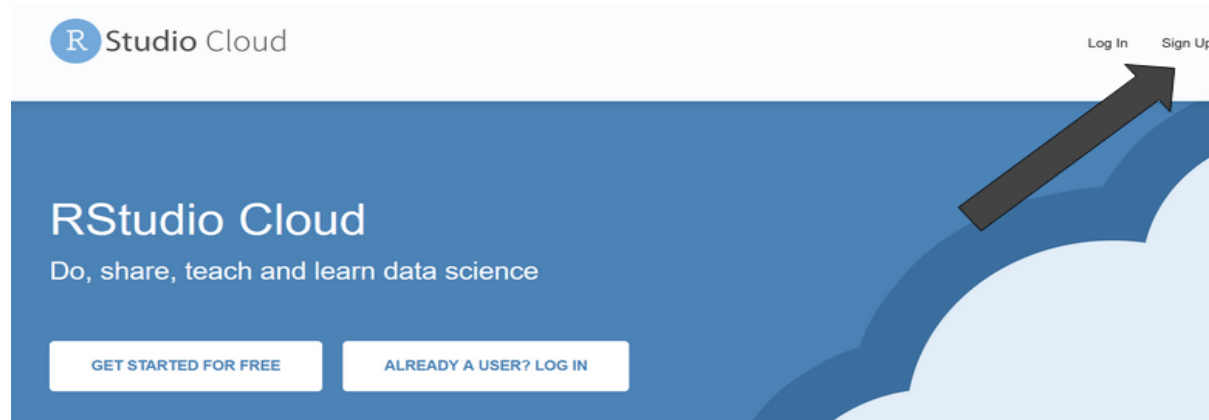
AVI 2022



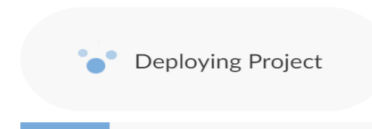
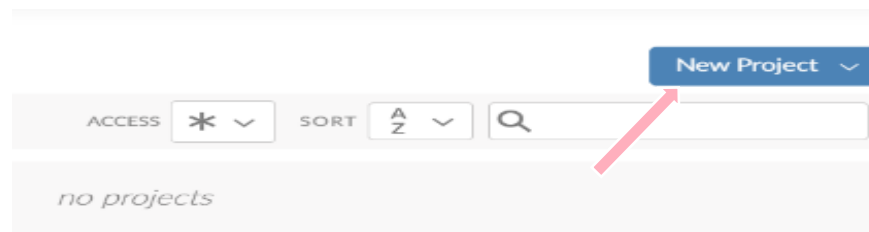
Rstudio Cloud



1. Go to <https://rstudio.cloud/>
2. Create an account (Sign up for free account)

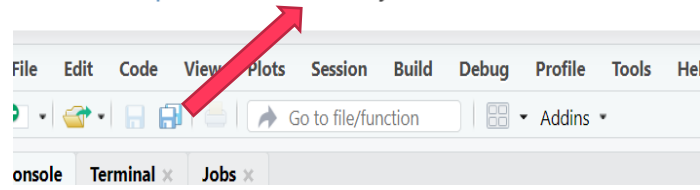


3. For setting up the project → Click "New Project" → "Rstudio Project"

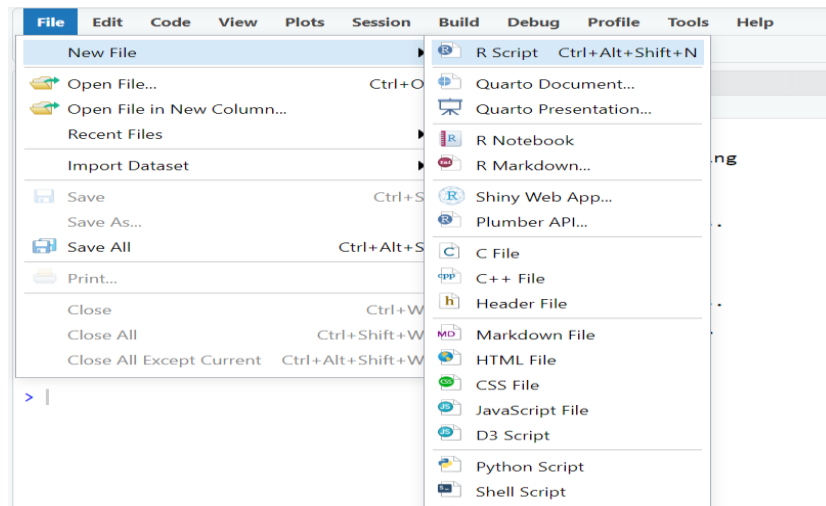


4. Give a name to your project if you wish!

Your Workspace / Untitled Project ← Click to name your project



5. After setting up, for writing the script, go to → "File" → "New File". From here you can select any environment for example: Rscript, PythonScript, D3Script etc. whichever you want to work with



6. In the 'editor', you will write script. The output will be shown in the 'terminal' part. You can see the variables, data sets from the 'Window's History. You also can check the packages from the 'visualization' window.

The screenshot displays the RStudio interface with the following components:

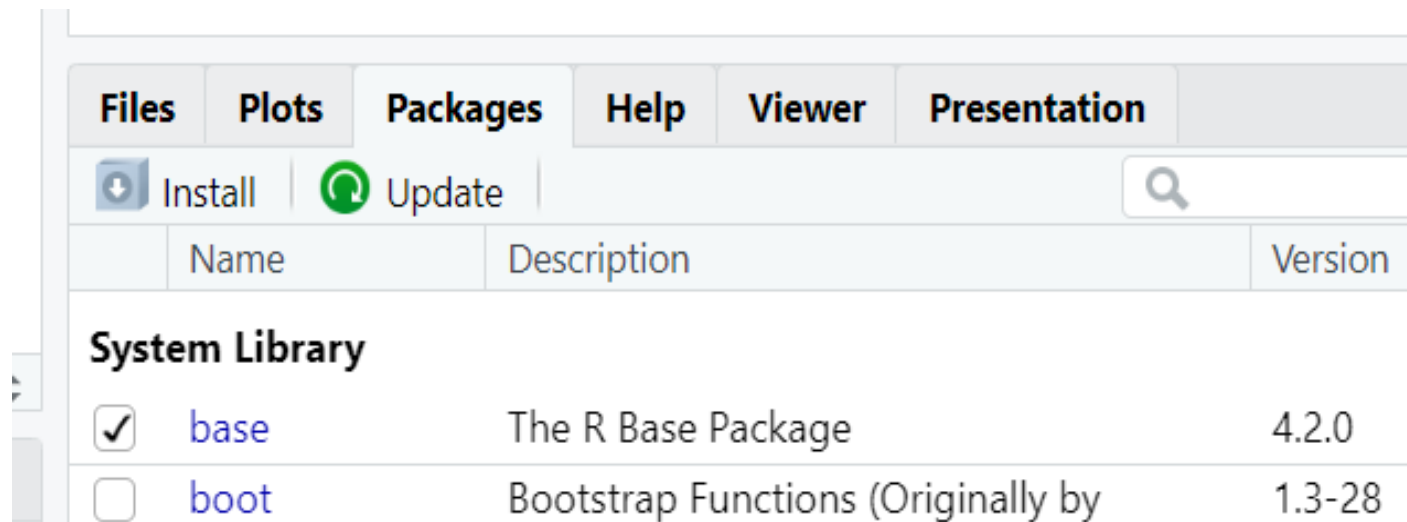
- Editor:** A text editor window titled 'Untitled1' with a single line of code at line 1.
- Terminal:** A terminal window showing the R version and platform information:

```
R 4.2.0 · /cloud/project/  
  
version 4.2.0 (2022-04-22) -- "Vigorous Calisthenics"  
copyright (C) 2022 The R Foundation for Statistical Computing  
platform: x86_64-pc-linux-gnu (64-bit)  
  
is free software and comes with ABSOLUTELY NO WARRANTY.  
You are welcome to redistribute it under certain conditions.
```
- Window:** A window titled 'Window' showing the environment and file list. The environment is empty. The file list shows the following files:

Name	Size	Modified
..		
.Rhistory	0 B	May
project.Rproj	205 B	May

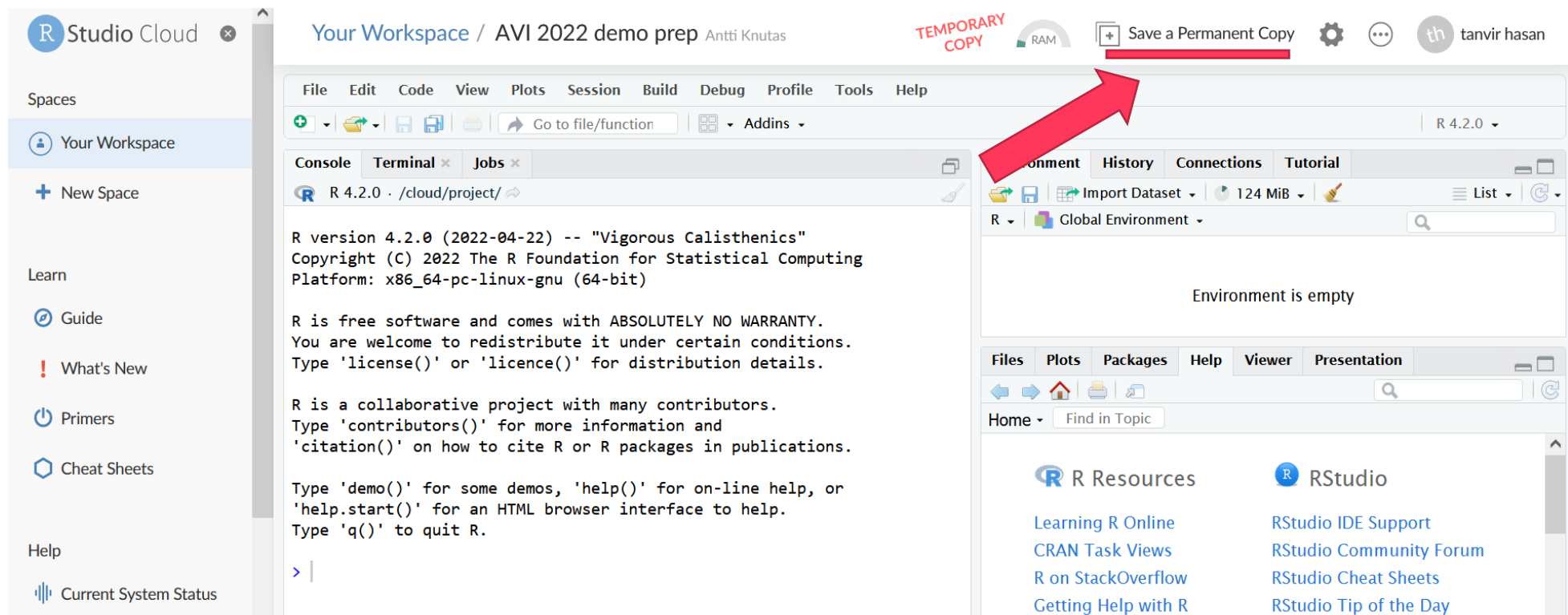


7. Now if error occurs after running the script—Check Packages and in search option write the package name. If it doesn't appear, go to install tab right under the package tab and write the name of the package and install it from regular repository (CRAN) and run the script again. If still error shows, it means you didn't activate it. From the packages, you must right click on the package name just like 'base' in the following picture.



8. After creating your account in Rstudio cloud, you will be able to open our sample project. This is the link of the sample project: <https://rstudio.cloud/project/4069344>

9. When you open the link, it will deploy the sample project and you will be able to see the following page. Click on “Save a Permanent Copy” to clone the project on your system.



The screenshot displays the RStudio Cloud interface for a workspace named "Your Workspace / AVI 2022 demo prep" by Antti Knutas. The interface includes a left sidebar with navigation options like "Spaces", "Your Workspace", and "Learn". The main area shows the R console output, which includes the R version (4.2.0) and copyright information. A red arrow points to the "Save a Permanent Copy" button in the top right corner of the workspace area. Other visible elements include the "Environment is empty" message and a bottom panel with "R Resources" and "RStudio" links.



10. Now you have your own copy of the project. If you run into any issue with your version of the project, then just close it and open our sample project link one more time. There you can perform the same process mentioned in previous slide and make another clone.

The screenshot displays the RStudio Cloud interface for a workspace named "Your Workspace / AVI 2022 demo prep". The user is logged in as "tanvir hasan". The interface includes a menu bar (File, Edit, Code, View, Plots, Session, Build, Debug, Profile, Tools, Help), a toolbar with icons for file operations, and a version dropdown set to "R 4.2.0".

The left sidebar shows "Spaces" with "Your Workspace" selected, and "Learn" resources like "Guide", "What's New", "Primers", and "Cheat Sheets".

The main console area shows the R terminal output:

```
R 4.2.0 · /cloud/project/

R version 4.2.0 (2022-04-22) -- "Vigorous Calisthenics"
Copyright (C) 2022 The R Foundation for Statistical Computing
Platform: x86_64-pc-linux-gnu (64-bit)

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> |
```

The right sidebar shows the "Environment" pane, which is currently empty. Below it is the "Files" pane showing a file explorer view of the "project" directory:

Name	Size	Modified
..		
.Rhistory	0 B	May 19, 2022, 9:45 A
descriptive statistics.R	202 B	May 24, 2022, 5:18 P
Library_Data_Complete.csv	451 B	May 24, 2022, 5:17 P
libraryd3viz.js	3.2 KB	Jun 1, 2022, 4:56 PM
libvis_files		
libvis_old.md	3 KB	Jun 1, 2022, 5:04 PM
libvis_v2.html	787.3 KB	Jun 1, 2022, 6:00 PM
libvis_v2.pdf	240 KB	Jun 1, 2022, 6:06 PM

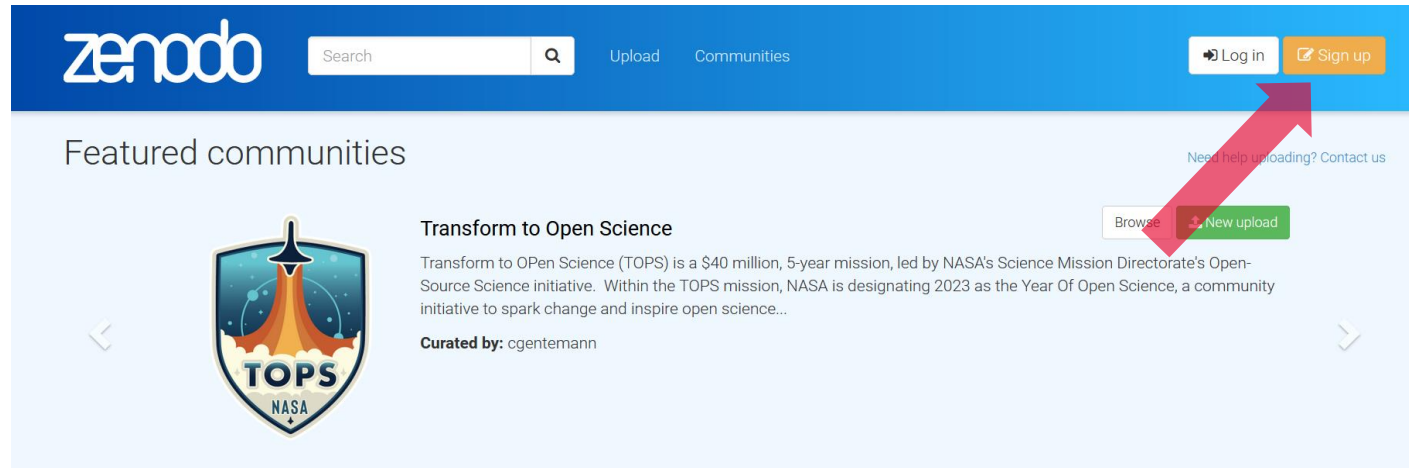


A large, abstract graphic composed of several thick, red, curved lines that overlap and create a sense of movement and depth. The lines are set against a solid blue background.

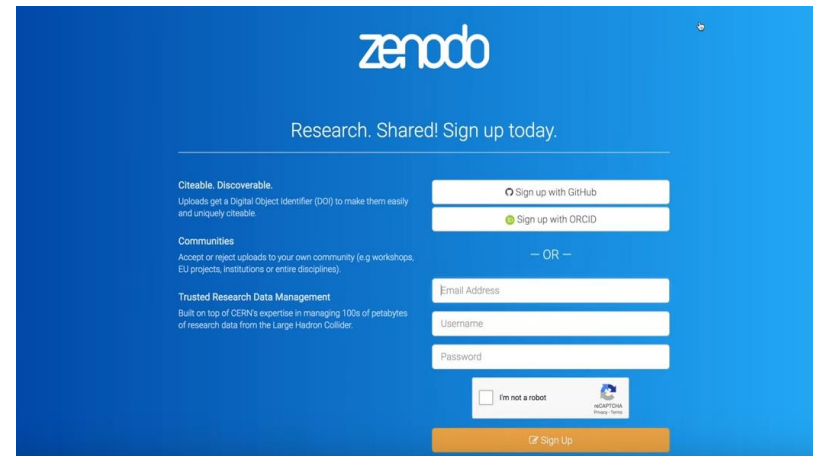
Zenodo



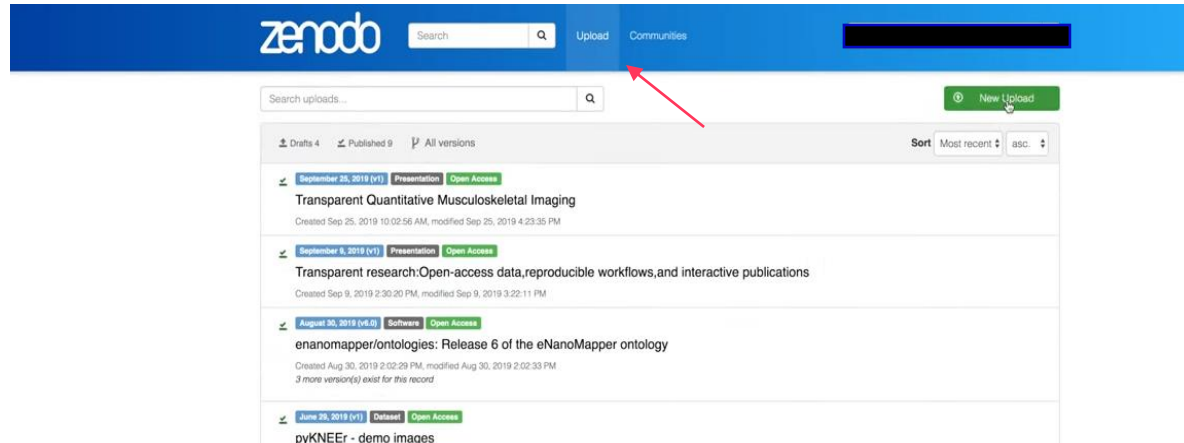
1. Click the sign-up button.



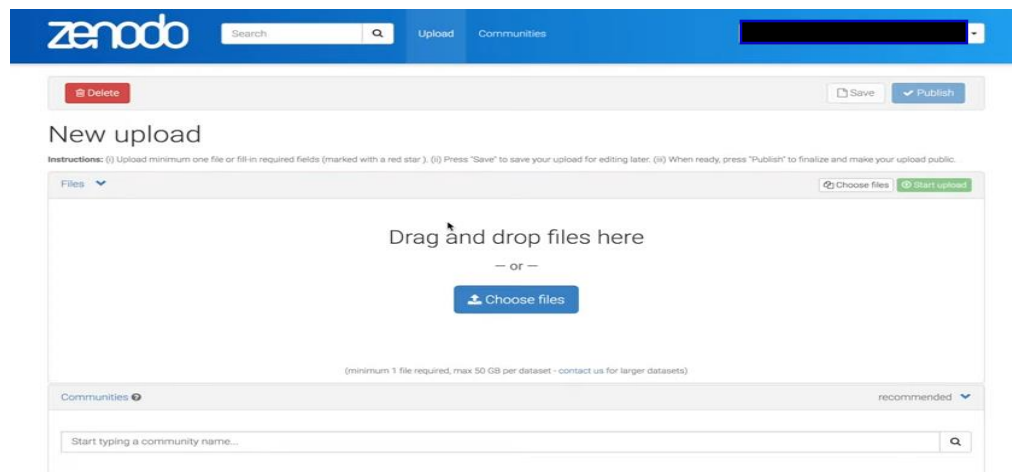
2. You can sign up with your GitHub account, with your ORCID account or using email address.



3. After creating an account or logged in you will be able to upload your files. To upload a file, click 'Upload' then 'New Upload'.



4. You can drag and drop your file or select 'Choose files'.



5. After choosing your file it will appear on the page and you can click 'Start Upload'. There are several meta data fields which you must fill up. Some of them are recommended and some of them are required. In the 'Upload type' you need to select what type of files you are uploading. It can be publication, poster, dataset and many more.

The screenshot shows the 'New upload' interface. At the top, there are buttons for 'Delete', 'Save', and 'Publish'. Below the title 'New upload', there are instructions: '(i) Upload minimum one file or fill-in required fields (marked with a red star), (ii) Press "Save" to save your upload for editing later, (iii) When ready, press "Publish" to finalize and make your upload public.'

The 'Files' section contains a table with the following data:

Filename (1 files)	Size	Progress	Delete
cart_segm_literature.csv md5:d2ae2b9797ad3b6dcaab557b6bod1c88	9 Kb	✓	

A note below the table states: 'Note: File addition, removal or modification are not allowed after you have published your upload. This is because a Digital Object Identifier (DOI) is registered with DataCite for each upload. (minimum 1 file required, max 50 GB per dataset - contact us for larger datasets)'

The 'Communities' section has a search input field with the placeholder text 'Start typing a community name...' and a search icon. A red arrow points to the 'recommended' dropdown menu.

The 'Upload type' section has a dropdown menu set to 'required'. Below it are icons for various upload types: Publication (selected), Poster, Presentation, Dataset, Image, Video/Audio, Software, Lesson, and Other. At the bottom, there is a 'Publication type' dropdown menu set to 'Journal article'.



5. Then you need to fill up some basic information about your file.

Basic information required

Digital Object Identifier
Optional. Did your publisher already assign a DOI to your upload? If not, leave the field empty and we will register a new DOI for you. A DOI allows others to easily and unambiguously cite your upload. Please note that it is NOT possible to edit a Zenodo DOI once it has been registered by us, while it is always possible to edit a custom DOI.

Publication date *
Required. Format: YYYY-MM-DD. In case your upload was already published elsewhere, please use the date of first publication.

Title *
Required.

Authors *
Optional.

[+ Add another author](#)

Description *

6. After filling up all the necessary fields, press save and then publish.

Funding recommended

Zenodo is integrated into reporting lines for research funded by the European Commission via [OpenAIRE](#). Specify grants which have funded your research, and we will let your funding agency know!

Grants
Optional. OpenAIRE-supported projects only. For other funding acknowledgements, please use the *Additional Notes* field.
Note: a human Zenodo curator will need to validate your upload - you may experience a delay before it is available in OpenAIRE.

[+ Add another grant](#)

Related/alternate identifiers recommended

- Contributors** optional
- References** optional
- Journal** optional
- Conference** optional
- Book/Report/Chapter** optional
- Thesis** optional
- Subjects** optional



Thank you

