Introduction

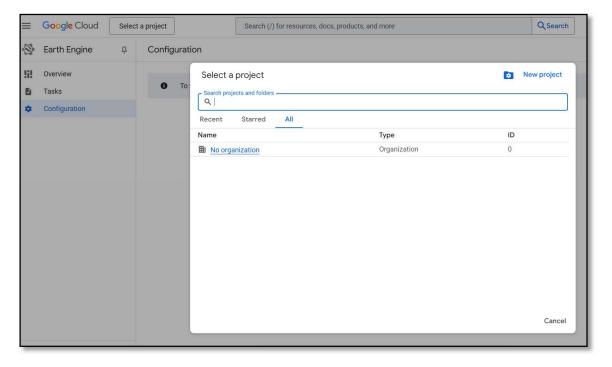
This tutorial will show you how to activate **Google Earth Engine** and follow the steps for using it in your projects.

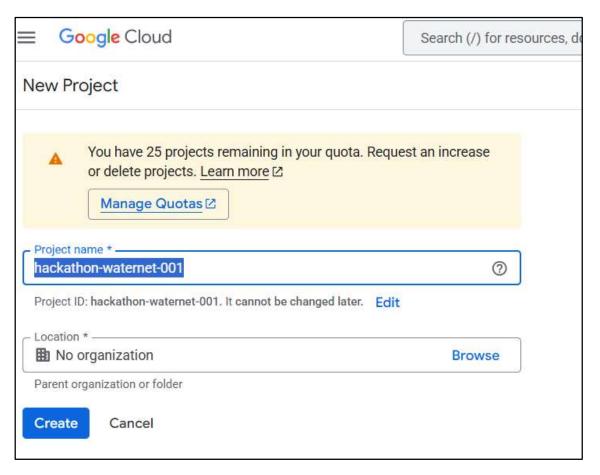
If you don't want to use your personal Google account and Google Drive for the hackathon, we recommend creating a separate Gmail account specifically for this purpose.

Activating Google Earth Engine

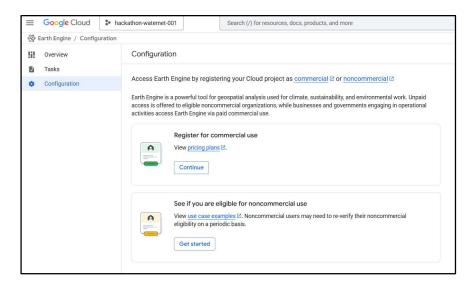
Step by step

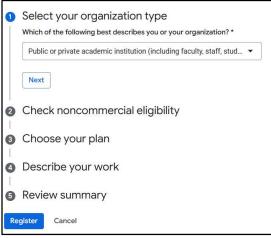
- 1. First, make sure you have a Gmail account.
- Go to the Google Earth Engine sign-up website (https://earthengine.google.com/signup/) and log in with your Google credentials to start the registration.
- 3. Once inside, create a new project: select *Project → New Project*, give it a name, and confirm. This is illustrated in the figures below.

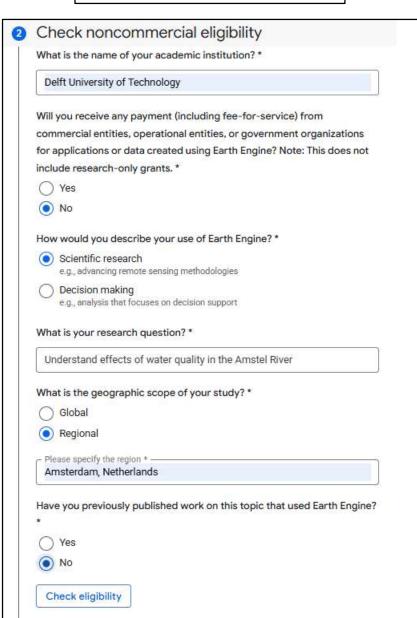


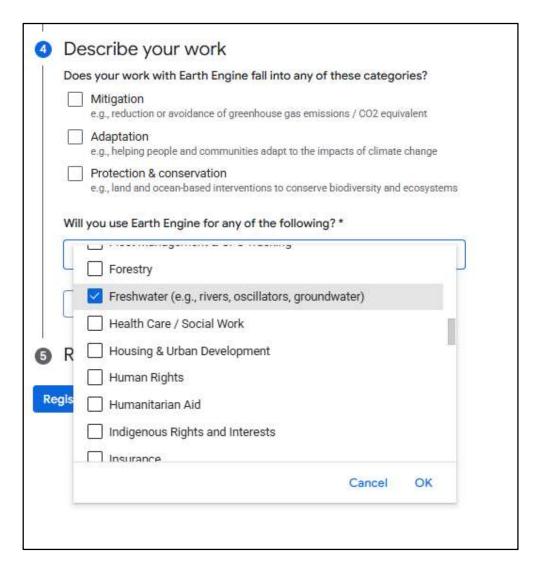


4. After creating the project, configure it for non-commercial use. As a university student, you are eligible for non-commercial access. Go to *Get started* and fill in your details. Select *Public or private academic institution*, enter your information, and briefly describe your work. You can follow the process in the figures below.

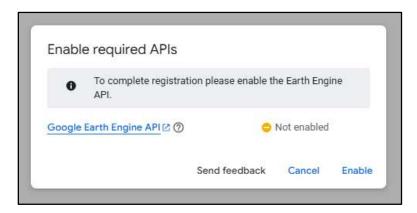


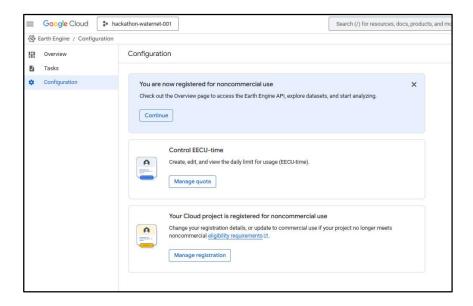






5. Finally, enable the required APIs by clicking *Enable* when prompted. Once this is done, you are registered for non-commercial use.

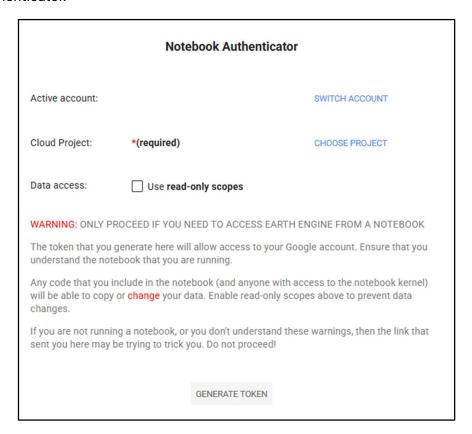




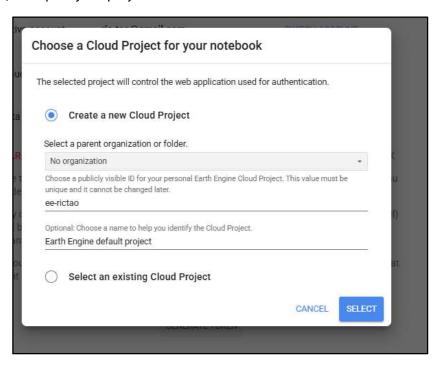
Authentication when using the service

Now that your project is created and Google Earth Engine cloud services are enabled, you will need to authenticate whenever required for a **token**.

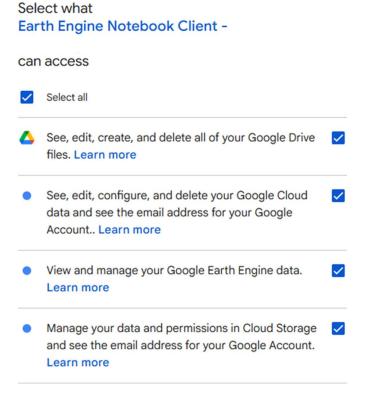
 Click the authentication link that appears. You will be redirected to the authenticator.



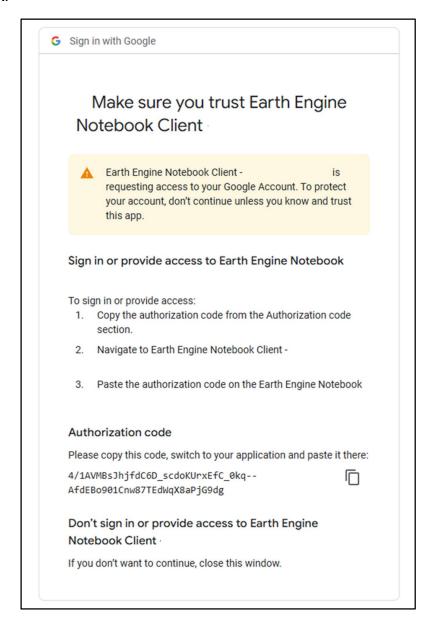
 Select the project you created earlier: choose Project → Select existing cloud project, then pick your project.



Grant all access when requested.



 Copy the authorization code provided and paste it back into your Google Colab tutorial.



This completes the authentication process.