

## “Further skills for job placement” 3 CFU activity proposal

**Professor:**

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**Place:**

Earth System Modelling laboratory

(Department of Earth and Environmental Sciences)

**Typology of activity:**

Data Quality

Data Labelling

Data Cleaning

Data Exploration

**Activity title:**

Visualization of Climate model simulation output

**Activity description:**

Climate model simulations are periodically performed in the framework of coordinated experiments in support of the IPCC assessment reports on Climate Change. Hundreds of simulated variables are archived on the ESGF grid, available for researchers to explore.

The proposed activity involves searching the ESGF grid and downloading specific sets of variables, that will be explored, handled and visualised using Python libraries, and compared across different model simulations.

**Number of students:**

1