

**Course offered for the PhD program
in Civil, Chemical and Environmental Engineering
Curriculum in Structural and Geotechnical Engineering, Mechanics and Materials
a.a. 2021/2022**

1. Title

The European research environment

2. Course Description

The course introduces the basic principles of the European program for research and innovation. It is divided into two modules, the first one is addressed to the European research funding, the second one is addressed to the open science framework and procedures.

Detailed program:

Module 1 - European research funding - Dott.ssa Claudia Sanguineti (5 ore)

- European research project: from application to management
- Horizon Europe, the European Commission's research and innovation framework program: basic principles and general structure
- Opportunities for young researchers: focus on Marie Skłodowska-Curie and ERC actions
- Unige successful stories: testimonies from UNIGE Polytechnic School (Elisabetta Canepa, MSCA IF; Katia Perini, FET Open; Agnese Seminara, ERC CoG)

Module 2 - Open science - Dott.ssa Anna Maria Pastorini (5 ore)

- The publication cycle and type of publications; peer-review process; bibliometrics; citation databases; literature search engines and reference managers.
- Intellectual property: trademarks and patents; author's rights and copyright (Italian and European contexts); fair use vs exceptions and limitations to rights; editorial policies
- Open access in scholarly communication
- Author's rights and PhD Thesis
- Research data management: The Research Data Lifecycle; Plan & fund; Work with data; Preserve & share

3. Course Organization

Lessons will be offered in a mixed mode (in presence and on line) to Ph.D. students of the second/third year of course. Lessons of Modules 1 and 2 will be given on-line on Teams.

Code of the Team: **er6kiox**

The workshop will be held in presence (room to be defined)

4. Teachers

Dott.ssa Claudia Sanguineti

Dott.ssa Anna Maria Pastorini

5. Duration and credits

The course consists of 13 hours (10 h of lectures, 3 h of workshop), 3 CFU

6. Activation mode and teaching period

The course is given on 4-5 May 2022 with the following tentatively agenda:

Module 1: 4 May 2022 10:00 - 12:30 and 14:00-16:30 (via Teams)

Module 2: 5 May 2022 10:00 - 12:30 and 14:00-16:30 (via Teams)

Workshop: 11 May 2022 9:30 – 12:30 (in presence)

Application: PhD students interested to the course can access to the Team with Code: er6kiox

7. Deadline for registration

Please register by accessing the Team of the Course with Code er6kiox by April, 15.

8. Final exam

The final exam will consist in a workshop in which the students will develop an example of application on research topic of interest.