



## PhD programme in Earth, Environmental and Resources Sciences

Instructor(s)	Andrea Fildani, DiSTAR - UNINA
Course Title	The Concept of Sustainability through the lens of historical sciences
Total Number of Hours	12
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### Course Description

The students will be exposed to the concept and theory of Sustainability in its many aspects: science, society, economy, and environment. They will learn how to critically use the past as a lesson and a tool to shape the future: how "historical" sciences can help building a sustainable future. Students will be actively involved in discussions with presentations and debates.

### Course Contents

1. Module / Topic 1 – The concept and theory of Sustainability: science, society, economy, and environment
2. Module / Topic 2 – Sustainability and Historical Science: Sustainability and Earth Sciences
3. Module / Topic 3 – Sustainability and Evolutionary Biology/Ecology
4. Module / Topic 4 – Geo-Ethics and Geo-Engineering

### Learning Outcomes

By the end of the course, doctoral students will develop a personalized ability to critically assess the information about sustainability they have been passively receiving from the external world (i.e. media outlets, social media, etc.).

### Teaching Format

This is a Seminar style course based on presentations, discussion with students, hands-on reading of manuscripts and reports. Participants will produce term papers as a partial fulfillment of this course.