

Spring School announcement

Advanced course on geological storage of CO₂



ENOS
Enabling Onshore CO₂ Storage

ENOS 1st Spring School on CO₂ Geological Storage

Date & place: May 14th to 19th 2018 at Latera, Italy

The overall objective of this *ENOS Spring School on CCS in Italy at the ECCSEL NatLab at Latera* is to share knowledge and understanding of CO₂ geological storage with young researchers. Aspects required to respond to global warming at an alarming and unprecedented rate and urgent duty to respond and meet the growing demand for near zero emission will be highlighted. Special emphasis will be placed on the European context.



Target group: The target group is 15 young scientists, e.g. PhD students and post docs with background in geology, engineering, geotechnologies. Master students will be considered on free chairs.

Programme of Study: The *ENOS Spring School on CO₂ Geological Storage* shall provide the theoretical and practical knowledge on CCS based on recent international research and development work. Vital elements are:

- Climate change
- CO₂ geological storage aspects
- Identifying, mapping and completing geological storage sites for the CO₂
- Aquifers, enhanced oil and gas recovery
- Multiple underground usage, storage without compromising other operations
- Assessment of storage capacity
- Safety precautions and consideration
- Monitoring and reporting guidelines
- Information strategy and public awareness

The thematic approach will be lectures, exercises, colloquia, study groups and an excursion to the Latera natural lab to study the on-shore monitoring systems measuring natural gas emissions, especially CO₂.

The *ENOS Spring School on CO₂ Geological Storage* is a high intensity dedicated week – Monday May 14th to Saturday 19th 2018. Key lecturers will be available throughout the entire week, and – as appropriate – take active part in discussions, and otherwise be available upon students' request.

The ENOS project (ENabling ONshore CO₂ storage in Europe) unites almost 30 research institutes and was launched in September 2016. The main objectives of the European Horizon 2020 project are to increase field experience relevant to geological storage of CO₂, refine techniques and tools used for site selection and monitoring and to advance communication between science and society on the geological storage of CO₂. The project will run until August 2020.

Selection and grants: Students eligible to attend the *ENOS Spring School on CO₂ Geological Storage* will be selected upon qualifications that must be duly documented in the application

Applicants are required to prepare:

1. An application letter describing our interest in the course,
2. CV,
3. Recommendations from head of department, supervisor or mentor,
4. Applicant's email address.

The forms shall be sent electronically (by e-mail) to:

Niels E. Poulsen, GEUS email: nep@geus.dk

The forms must be received no later than 16 pm Central European time on February 9th 2018.

Please mark the subject field: ENOS Spring School 2018

The attendance will be free of charge. Travel expenses to and back from Rome must be paid by the student themselves, while ENOS' funds are expected to cover residence expenses (stays and meals) in Latera. Some minor funding may be available for covering some of the transport expenses back and forth to Rome, Italy.

In order to receive the ENOS Studies Diploma students have to attend the classroom sessions, and take active part in resolving of all exercises.

Due date and application

The due date for submitting the application is by February 9th 2018.

