



Master of Science in Exploration
and Applied Geophysics



Earth Science Department
University of Pisa

Eni Shares Insight on Making Carbon Capture Goals a Reality

Lecturer

Davide Della Moretta (Eni)

Title

Carbon Capture Storage:
a G&G perspective

Date and Time

April 27th, 14:00

Room C



Short Abstract

Capturing CO₂ to store it permanently (CCS) or reuse it in other production cycles is one of the essential actions we need to carry out to reduce its concentration in the atmosphere. CCS is the only immediately available option for reducing emissions in the so-called hard-to-abate sectors such as cement, steel, chemical and paper mills, etc. Geology and Geophysics (G&G) play a key role in the whole chain of storage site selection, characterization and monitoring. The lecture introduces the basic concepts of CO₂ storage and shows how G&G disciplines contribute to the success of an industrial CCS projects.

Short Biography

Davide Della Moretta is the Head of the Basin Geology Department at Eni Headquarters, Milan. His department is in charge of structural geology, basin modeling and potential methods studies. Starting from 2020, he is also coordinating G&G studies for Eni's CCS projects. Before his current position, he has been involved in seismic data processing and acquisition, shallow hazard analysis, geopressure and R&D projects coordination.