



UNIVERSITÀ
degli STUDI
di CATANIA

Dottorato di Ricerca in:
Scienze della Terra e
dell'Ambiente

ROSANNA MANISCALCO

SEQUENCE STRATIGRAPHY AND MICROPALAEONTOLOGY: TOOLS FOR BASIN ANALYSIS

May 19, 2021 h. 16:00-18:00; May 20 h. 15:00-17:00, May 21, 2021 h. 9.00-12.00.

Programme:

History of Sequence Stratigraphy. Principles of sequence stratigraphy. Depositional sequences and sequence boundaries. Examples of sicilian Plio-Pleistocene mixed siliciclastic-carbonate parasequences. Stratigraphic response to relative sea level changes and climate. The role of foraminifera for recognizing water depth, environmental changes, and sequence boundaries. Exercises: Stratal terminations from outcrops and seismic. Constructing a Wheeler diagram. Paleo-bathymetry, environment, and sequence boundary recognition using foraminifera.



Monte Capodarso parasequences, Sicily

*For further information and reservation send an email to:
dottorato.geobio@unict.it*