“TESPRESSO” PROJECT RESEARCH TEAM AT THE CATANIA UNIVERSITY

GEOCHRONOLOGY AND MORPHOLOGICAL ANALYSES ON EVOLVING LANDSCAPE:
METHODS AND CASE HISTORIES

PROGRAM OF SEMINARS

Friday May 20th 9:00 - 11:00 a.m. (ON FIELD IN THE TAORMINA REGION)

APPLICATIONS OF LUMINESCENCE DATING AND GUIDE TO SAMPLING

Meeting Location: Sampling site in the area of Taormina (ME) to be agreed with participants on May 17th (application by May 16th via email to catalano@unict.it; maximum number of participants 15)

Speakers: Tammy Rittenour, Natalie Tanski (Utah State University, USA)

Format: Introduction to the geochronology by Luminescence and guide to sampling

Language: English

Monday May 30th AULA EST

RECONSTRUCTION OF BASE LEVEL FALL HISTORIES BY INVERSION OF FLUVIAL TOPOGRAPHY USING MATLAB

Monday May 30th 9:00-11:00 a.m.

Speaker: Frank J. Pazzaglia (Lehigh University, PA, USA)

Format: Workshop including Lecture and Processing of Sample Dataset (please note instructions for participants)*

Language: English

(*) Laptop and MATLAB required. Participants are invited to download the material for the short course at the following link https://www.dropbox.com/s/fkiksh2jy31lizg/Fluvial_inverse_modeling_Catania_30May2022.zip?dl=0

AUTOGENIC PROCESSES VS. EXOGENIC FORCES: ENCODING SHORT- TO LONG-TERM SIGNALS OF PERIODIC ENVIRONMENTAL CHANGES IN THE DELTAIC STRATIGRAPHIC AND FLUVIAL GEOMORPHIC RECORDS

Monday May 30th 11:00-13:00 a.m.

Speaker: Francesco Pavano (Lehigh University, PA, USA)

Format: Lecture

Language: Italian

LONG-TERM LANDSCAPE EVOLUTION IN THE SOUTH FORK EEL RIVER IN NORTHERN CALIFORNIA.

Monday May 30th 2:30-3:30 a.m.

Speaker: Nicole Gasparini (Tulane University, LA, USA)

Format: Lecture

Language: English