Active fault systems evolution through time and space conditions not only the surface deformation but also impacts the type of surface processes and their rates. To constrain in time how active fault systems acted and identify relevant changes or extreme events as surface rupture events, dating methods are necessary. In this presentation, Luminescence and Terrestrial Cosmogenic Nuclides methods will be explained and examples applied to Active Tectonics and Earthquake Geology will be presented and discussed.

Paula Marques Figueiredo (NCSU)

May 22
Wednesday: 13:00
PASS: SES2024IDL
https://videoconf-colibri.zoom.us/j/89018419156

or room 8.2.12 (C8)