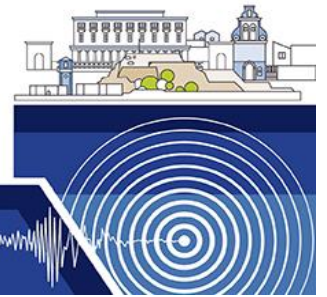


# 39<sup>th</sup> GENERAL ASSEMBLY OF THE EUROPEAN SEISMOLOGICAL COMMISSION

# ESC2024

22-27 September 2024  
CORFU, GREECE



## Session 20

### Active faults and their hazard in the Mediterranean Realm

#### Conveners:

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The Mediterranean Realm is a large natural laboratory for the study of hazards linked to active faults in subaerial and submerged areas that are capable of triggering large earthquakes, tsunamis and landslides. In recent decades, numerous studies have tried to understand the distribution, geometry, slip rate, seismogenic potential, earthquake recurrence associated to active faults, and the relationships of these processes to fluids and mineral precipitation in fault zones.

Despite the great progress made, many questions still remain open. This session aims to foster a discussion on the use of geological and geophysical data, merged with instrumental and historical seismic recordings, to identify active offshore structures, quantify the deformation they are capable of producing, evaluate their seismogenic and tsunamigenic potential, characterize related secondary effects as significant landslide phenomena in submerged and coastal areas and evaluate the associated hazards.

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