

## ALeRT Module C 5 "Active faults"

Greece, May 15-22, 2015

### Report

Eight ESR, ER from ALeRT participated to the "Living Fault" course in Greece, together with a group of IPGP master - PhD students and some researchers (a total of 31 persons in the field). The course was taught by ALeRT's PIs Robin Lacassin and Rolando Armijo from IPGP's tectonics lab, in collaboration with people from the Athens National Observatory. The main topics discussed in the field were: the morphological traces of past earthquakes (Corinth 1981, Sparta 464BC); the genesis and datation of Holocene fault scarps and of uplifted marine terraces (interplay between tectonic and climatic processes); the role of active faulting in the building of relief and sculpting of the landscape; the mechanical models for the Corinth rift and the evolution of the Anatolian-Aegean system.



