Tectonics (active or not) play a major role in engineering geology all over the world not only in crustal plate boundaries but also in intraplate areas. Urban geology, buildings and all anthropic constructions face major problems that we need to better take into consideration from the scientific as well as engineering point of view. Coseismic deformations due to earthquakes, as well as intersismic creep have to be better characterized and constrained from both new efficient methods and from all the past experiences we have had on active tectonic areas. This “Applied and Active Tectonics” session will focus on better localized, characterized, quantified, and modelized tectonic processes and their associated phenomena enriched by the numerous past experiences and by proposing new efficient methodologies and technologies. We hope also in this session to reinforce the links between scientists and engineering geologists in order to face seismic hazards and their disastrous implications.