

MAGMATISM–METAMORPHISM–OPHIOLITES SESSION

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Magmatic and metamorphic processes and ophiolitic complexes provide fundamental geological records of the formation, transformation and tectonic evolution of oceanic and continental lithosphere. This session aims to examine these processes across diverse tectonic settings through an integrated perspective, with particular emphasis on the geological evolution of Türkiye and its surroundings.

The session welcomes contributions on magma generation, sources and evolution; volcanism and plutonism; metamorphic processes and pressure–temperature–time evolution; the formation, architecture and tectonic emplacement of ophiolites; mantle–crust and fluid–rock interactions; relationships among magmatism, metamorphism and deformation; and mineral resources associated with these processes.

We welcome original research focused on any of these fields, as well as studies that integrate field observations with petrology, mineralogical and geochemical investigations, isotope geochemistry, geochronology and modelling approaches.