

Magmatism

Convener: Ercan Aldanmaz

Dear colleagues,

We would like to encourage you to contribute to a session on '*Magmatism*' that has been scheduled for the 62nd Geological Congress of Turkey, which will take place from 13 to 17 April 2009 in Ankara, Turkey. The aim of this session is to discuss all aspects of magmatic processes and to integrate petrogenetic, geochemical and geodynamic constraints to advance our understanding of magma generation in variable tectonic settings. This session will cover a wide range of magmatic processes that occur within the Earth's mantle and crust. It will host discussions on subjects such as the conditions and products of primary melting in the mantle, tectonic controls on magma genesis, and the processes and time-scales of melt transport and storage. We encourage all contributions that describe petrologic, geochemical, mineralogical and other approaches to understanding volcanic and plutonic rock systems in terms of source regions, differentiation processes and geodynamic significance.