

## **The large scale tectonic evolution of Anatolia during the last 10Myr: The cause and consequences of orogenic plateau development**

The development of the Anatolia orogenic plateau is one of the most important geological phenomena occurring in the East Mediterranean during the last 10Myr. For instance, the rise of the plateau changed sedimentary conditions in Anatolia as well as in the offshore and influenced the tectonic evolution of the region.

Orogenic plateaus such as Anatolia are of particular interest because they result from the poorly quantified interactions between deep seated and surface (climatic) processes. A profound understanding of the Anatolia system is based on high quality multidisciplinary constraints and on the quantification of the causative processes.

Anatolia is an excellent natural laboratory to progress our knowledge on orogenic plateaus and on how the deep Earth interacts with the shallow Earth and the atmosphere.

On these topics we call contributions from geoscientists from different disciplines and regions, all focussing on the events related to plateau formation and to the underlying causes.