

**The Images of Anatolia  
Geophysical Layers for a Comprehensive Geodynamic Model in the Easternmost  
Mediterranean**

The Eastern Mediterranean is one of the most active, rapidly deforming regions on the Alpine-Himalayan orogenic belt and the Anatolian plate is the key element in this tectonic settings. We observe all aspects of major tectonic forces within this relatively small piece of continent, surrounded by the subduction along the Hellenic arc, continental collision in the east and squeezed two lithospheric scale strike slip faults. What are the common elements for all this distinct processes ? I present geophysical images from surface to lower mantle in an attempt to provide some insights on how this geodynamic engine works.