

Dynamic Earth

Dragan Milovanović

Faculty of Mining and Geology, University of Belgrade, Serbia

First part of the course is an introduction to plate tectonics and magmatism of the Earth. Earth is a dynamic planet. Lithosphere, as an outmost shell of the Earth, is a mosaic of tectonic plates. Purpose of this lecture is to cover basic geological and petrological characteristics of tectonic plates, types and characteristics of plate boundaries, as well as the connection between plate tectonics and magmatism.