Geophysical Research Abstracts, Vol. 9, 10756, 2007
SRef-ID: 1607-7962/gra/EGU2007-A-10756

Geodynamics, geotectonics, seismicity, seismotectonics of Dinarides of Bosnia and Herzegovina

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The dynamic plate in the Dinaride region is characterized by a collision between the Eurasian and African plates. In response to this dynamics, many systems of faults and nappes having a NW-SE and NE-SW trending have been generated along Dinarides. The majority of the determined faults are from the neotectonic age they have significance for seismotectonic activities. The Bosnia and Herzegovina area has experienced some significant eartquakes in the last centuries, the most is that of Banja Luka sity on October, 27. 1969. On the basis data, it can be concluded that the intensive seismotecotnic activity occur in the zone along large neotectonic faults in the NW-SE direction, and along those that are transversal direction.

The aim of this paper is to present geotectonic and geodynamics characteristics of the Dinarides and Bosnia and Herzegovina, and to discuss about their seismicity and seismotectonic. Could new geodetic dates provided by GPS methodes give more late on this mather?