



Sudden fluctuation in Kp triggers earthquakes and tectonics

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Earth directed Coronal Mass Ejection (CME) from Sun has the potential to trigger Earthquakes and change the tectonics of the earth temporarily. The fifth state of matter (CME) acts on the geospecific locations of the earth. This is the reason of presence of specific earthquake regions on earth. Science on terrestrial tectonics is nowadays based on forms of coasts, present movements of continents, palaeontology, and magnetic minerals. Earth's rotation, however, was no interesting factor up to now. A positive correlation has been inferred in between rotation of the earth, sun and activities of sun-earth environment on earthquake and tectonics of the earth. Sudden rise in Kp values after earth directed CME triggers earthquakes. The rise in Kp values takes place 36 hours before occurrence of earthquake. Location of sunspots are influencing geo latitude of its mirror image on sun facing part of the earth. In hundreds of cases it has been observed that earth directed coronal mass ejection be followed by change in Sun-Earth magnetic field leads to remarkable changes in Earth environment. If the Coronal mass ejection (CME) is earth directed, it may produce earthquakes if active fault zones are in that latitude. It is possible to forecast the possibility of triggering of earthquake by looking into the location of active sunspot before it harbors energy towards earth.