

## **Modern geodynamics and seismicity of the Tien Shan**

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Taking the Earth (the data of Tien Shan's tectonosphere modelling) and the Moon (analysis of the experimental data of its seismicity) as an example, modern geodynamical and seismic processes are ascertained to be taking place in the concentration zones of the mostly differentiated motions of structural elements. Geodynamical processes in the Earth interior are stipulated by integral influence of intra-earth and cosmic forces. While forming seismic processes in the Moon, the cosmic forces play the main role. Earthquakes and moonquakes show scope and intensity of the modern geodynamical processes.