

## MODERN SEISMICITY OF CRIMEA

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**Abstract.** This article discusses some aspects of the seismicity of the Crimean–Black Sea region on the basis of catalogs and bulletins earthquakes between 1970 and 2012. Obtained re-scheduling in recurrence of earthquakes from year to year and seasonal cycle of energy released during earthquakes. Total catalog of earthquakes in the Crimea during this period contains about 2140 events with magnitudes from  $-1.5$  to  $5.5$ , bulletins contain information about the parishes of longitudinal and transverse waves at seismic stations around 1500 earthquakes. On the basis of a-new approach to the determination of the position of earthquake hypocenters redefined the coordinates of all the events for which data are presented in the bulletins of the Crimean Black Sea region.

**Keywords:** seismicity, hypocenters, earthquake.