

# **Geological evidences of strong earthquakes in Kerch-Taman region**

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**Abstract.** Data on the geological evidences of strong earthquakes in the Kerch-Taman region are given. Using the results of our paleoseismological research and published materials of archaeological excavations, we estimated the dates and locations for several strong earthquakes. We have revealed sharply defined seismotectonics faults on the south and north coasts of the Kerch-Taman region. Ability of the South Azov and South Kerch (Pravdinsk) faults to generate strong seismic events is supported by all the data. The information on earthquake sources in the waters of the Kerch Strait is less reliable.

**Keywords:** Kerch Peninsula, Taman Peninsula, seismotectonics, paleoseismology, active fault, long-time seismicity.