

SEISMOLOGICAL WORK OF ASTRONOMICAL AND METEOROLOGICAL OBSERVATORY IN BELGRADE

Thanks to the astronomer and geophysicist Milan Nedeljković (1857, Belgrade – 1950, Belgrade) the founder and manager of Astronomical and meteorological observatory in Belgrade, Observatory had a pioneering role and in the development of serbian seizmology. Namely, in 1901, it took over from Geological institution of the Faculty of Phylosophy, the collecting of data on earthquakes (for such needs it used its network of meteorological stations), and in 1904, in its park started to work seizmological pavillion. With a seizmograph inside, the first time were registered earthquakes in Serbia.

This was a seizmograph of Vincentini – Konkoly type, which M. Nedeljković obtained from hungarian astronomer and geophysicist Miklos Konkoly Tege (1842-1916), director of royal observatories (astronomical and meteorological) in Hungary. Seizmological resultsof Observatory, were published in national and foreign publications. Due to the lack of financial sources, »Seizmological observatory« stopped to work in 1910. On the same year, Belgrade Municipaity took away the »seizmological « part of the Observatory's land, with an area of 600 m² for the needs of »Sokol« association.

The first seizmological steps on Observatory, were made by the greatest serbian seizmologist Jelenko Mihailović (1868, Vrbica at Knjaževac – 1956, Beograd), the student of Milan Nedeljković on Great School, and than the most important collaborator, almost 14 years. After their breakup, Jelenko Mihailović and geologist Dr Svetolik Radovanović, organize without consultations with M. Nedeljković, in the beginning of 1906, again the seizmological service at Geological institution, which in 1910 obtained a Seizmological station in the Tašmajdan's park. After the Great war, in 1919, it became independent, as Seizmological institution. Jelenko Mihailović was on its head, until his death in 1956. At the end, we note that after leaving Observatory in 1906, J. Mihailović published under his name, in various publications, results of macroseismical work performed on Observatory during five years, on which he was mostly engaged.