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- Our poster is about the importance and the use of legacy earthquake data, the challenges in the process and, how to address them.
- Studying historical seismograms is important for understanding past earthquakes and improving knowledge of the seismotectonic behaviour and seismic hazard assessments in earthquake-prone regions.
- In this study, we examined the 1912 Şarköy-Mürefte , 1935 Erdek-Marmara Islands, 1963 Çınarcık earthquakes by digitizing analog seismograms using vectorization method and, re-determined seismic parameters by analyzing original waveforms with modern techniques.
- The most important result of our work is the determination of seismic parameters, epicenter locations, and fault mechanisms of four major earthquakes, providing new insights into the seismotectonic behaviour of the area.
- If you want to find out more, come over for a chat in front of our poster