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- This poster is about the seismic analysis of a powerful chemical explosion that occurred in Tashkent on September 27, 2023.
- I am going to tell you why seismic monitoring of man-made hazards in urban areas is both important and fascinating.
- We analyzed waveform data from 9 regional stations, estimated the magnitude, calculated the energy release in TNT equivalent, and assessed parameters like  $V_p/V_s$  and P/S amplitude ratios.
- The most important result of our work is that the explosion clearly shows a seismic signature of a shallow, non-tectonic surface blast — distinguishable from natural earthquakes.
- For more details, please visit our poster.

