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- Our poster is about Ground motion and intensity following the January 11, 2022, earthquake in Paphos, Cyprus
- We integrated the output parameters with geological studies to enhance understanding of fault dynamics, stress distribution, and seismic hazard forecasting.
- Recorded seismic activity revealed a peak ground acceleration (PGA) and a peak ground velocity (PGV), indicating intense shaking and rapid motion.
- Parameters such as the b-value, decay rate (p-value), fractal dimension (Dc value), and slip ratio have been examined to understand seismotectonic properties and fault zone geometry.

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