



Analysis of the time-clustering behavior of the Koyna-Warna (India) reservoir-triggered seismicity: coseismic and preseismic variations

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Time-clustering analysis of the 1996-2005 seismicity of Koyna-Warna region (India), a unique site where reservoir-triggered earthquakes have been continuously occurring over the last 40 yr, has been performed. The scaling exponent, estimated by using the Allan Factor method, shows significant co-seismic and pre-seismic variations associated with the largest events occurred in the area. This work has been carried out in the frame of the scientific bilateral agreement CNR/CSIR.