

## STUDY OF SEISMIC PROCESS IN REGIONS OF EURASIA

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**Abstract.** Holistic approach and method for studying seismic process which take into account its unity, scale and dynamics are developed. Generalization of the previous and new results of studies of seismic process in regions of Eurasia for the long period of time (1981–2008) is carried out. Forecast criteria of strong earthquake are revealed using large sets of seismic data. The criteria are successfully tested on real data. The results obtained confirm application perspectiveness of the considered holistic approach and method

**Keywords:** seismic process, seismic potential, forecast signs, earthquake precursors, seismic gaps, seismic source, aftershocks, migration of earthquakes.