

عنوان مقاله:

EVALUATION OF SEISMIC DETECTIBILITY IN REGIONAL AND GLOBAL NETWORK

محل انتشار:

پنجمین کنفرانس بین المللی زلزله شناسی و مهندسی زلزله (سال: 1386)

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نویسنده:

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خلاصه مقاله:

This paper presents an evaluation study of a package of data recorded during year 2005. This dataset consists of INSN data and original GSE2 formatted data from National Earthquake Information Center (NEIC). The INSN bulletin contains 573 events with a local magnitude ranging between 2.0 and 6.1. In this research, the detection performance of the five NEIC stations (ANTO, GNI, FURI, KMBO) in the current configuration has been evaluated. Evaluation of time residuals in NEIC stations led to different time contour maps, which can be attributed to different detect ability performances with respect to seismic signals from Iranian plateau. Only 125 of events were reported joining by INSN and NEIC. The maximum discrepancy in location between INSN and NEIC is 164 km. The detection thresholds magnitude in both bulletins is 3.6.

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/16145>

