

عنوان مقاله:

SYNTHETIC ASSESSMENT OF REGIONAL CRUST STABILITY FOR THE SITES OF LIAONING NUCLEAR POWER PLANT

محل انتشار:

سومین کنفرانس بین المللی زلزله شناسی و مهندسی زلزله (سال: 1378)

تعداد صفحات اصل مقاله: 10

نویسندگان:

Wang Guoxin - *Seismological Bureau of Liaoning Province, No. ۴۴ Huanghe north street Shenyang ۱۱۰۰۳۱, P.R.China*

Chen Shenlai - *Design and Research Department, Shenyang Municipal Urban and Rural Construction Committee
۱۱۰۰۰۲ Shenyang, Liaoning Province, P.R.China*

Hui Rihong - *Seismological Bureau of Liaoning Province, No. ۴۴ Huanghe north street Shenyang ۱۱۰۰۳۱, P.R.China*

خلاصه مقاله:

In order to evaluate the regional crust stability of the sites for the Liaoning Nuclear Power Plant, six quantified environmental factors, viz., the seismicity, active faults, deep faults, gradient of crustal thickness, gradient of crustal deformation and fault angle, are selected as the criteria for evaluation and the stability of ۴۸ units divided in the studied region are evaluated by use of fuzzy mathematics, grey theory and pattern recognition. The result shows that there are ۱۶ stable units, ۲۱ substable units, ۹ unstable units, and ۲ active units in that region. The two optional sites are located in stable and substable units, respectively, both suitable for the construction of the nuclear power plant in plan

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1290348>

