

Attenuation Relations for Horizontal Peak Ground Acceleration and Response Spectrum in Eastern and Western China

Yu Yanxiang and Wang Suyun

(Institute of Geophysics, China Earthquake Administration, Beijing 100081, China)

Abstract By taking the western part of North America as the reference region, the attenuation relations for horizontal peak ground acceleration and response spectrum in eastern and western China are developed using transform method. The attenuation relations for horizontal peak ground acceleration and short-period response spectrum for the western part of North America are derived based on the strong motion database, while the relations for long-period response spectrum are based on digital broad-band records. The seismic intensity attenuation relations in eastern and western China are established by regression analysis on isoseismal data. Some issues associated with the application of the attenuation relations are discussed.

Key words: Response spectrum; Attenuation relation; Seismic safety evaluation

地震安全性评价工程师资格考试大纲已审定通过

根据《地震安全性评价工程师制度暂行规定》和《地震安全性评价工程师资格考试实施办法》，为了做好全国注册地震安全性评价工程师执业资格考试工作，中国地震局组织编制了《一级地震安全性评价工程师资格考试大纲》和《二级地震安全性评价工程师资格考试大纲》，现已经人事部组织审定通过，并予以印发公布。

《一级地震安全性评价工程师资格考试大纲》和《二级地震安全性评价工程师资格考试大纲》是注册地震安全性评价工程师资格考试的指导性文件。一级和二级考试大纲各分三部分：地震安全性评价法律法规及相关知识、地震安全性评价管理与实务、地震安全性评价案例分析，其内容和范围是根据地震安全性评价工作对主要技术负责人的要求确定的。随着地震安全性评价工作的发展，今后将不断更新修改和完善。

(本刊讯)