



Seismic Hazard Assessment in Site Evaluation for Nuclear Installations: Ground Motion Prediction Equations and Site Response (Paperback)

By -

IAEA, Austria, 2016. Paperback. Condition: New. Language: English . Brand New Book. The objective of this publication is to provide the state-of-the-art practice and detailed technical elements related to ground motion evaluation by ground motion prediction equations (GMPEs) and site response in the context of seismic hazard assessments as recommended in IAEA Safety Standards Series No. SSG-9, Seismic Hazards in Site Evaluation for Nuclear Installations. The publication includes the basics of GMPEs, ground motion simulation, selection and adjustment of GMPEs, site characterization, and modelling of site response in order to improve seismic hazard assessment. The text aims at delineating the most important aspects of these topics (including current practices, criticalities and open problems) within a coherent framework. In particular, attention has been devoted to filling conceptual gaps. It is written as a reference text for trained users who are responsible for planning preparatory seismic hazard analyses for siting of all nuclear installations and/or providing constraints for anti-seismic design and retrofitting of existing structures.



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Reviews

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-- **Dr. Garnett McLaughlin II**

A top quality ebook and the font used was fascinating to read through. It is writter in easy terms and not confusing. Its been written in an remarkably easy way in fact it is simply after i finished reading through this publication through which actually altered me, alter the way i believe.

-- **Roberto Block**