

关于挪威土工所（NGI）Amir M Kaynia 教授学术讲座的通知

报告题目：Geotechnical Earthquake Engineering in Offshore Design Practice

报告人：Amir M Kaynia

时间：星期三（7月13日） 15:00-16:00

地点：安中大楼 A322

报告人简介：



Dr. Amir Kaynia is the Technical Lead for Vibration and Earthquake Engineering at Norwegian Geotechnical Institute (NGI) and is an Adjunct Professor at the Norwegian University of Science and Technology (NTNU) in Trondheim. He is currently a member of the Norwegian national committee on Eurocode 8 for earthquake design and member of Technical Committee on Geotechnical Earthquake Eng. of ISSMGE. He has lead numerous international projects dealing with earthquake response of offshore structures, soil-structure interaction, and vibration from high-speed railway traffic and mitigations.

报告简介：

This talk presents some of the geotechnical issues encountered in earthquake design of offshore structures and subsea facilities. A considerable effort has recently been put to field developments in deep water. This has brought about other challenges that are largely dependent on geotechnical knowledge. The talk addresses some of the more recent approaches and solutions in geotechnical earthquake design of both shallow water and deep-water structures and facilities such as platforms with large bases, pipelines crossing slopes and offshore wind turbines on monopoles. Moreover, considering the importance of earthquake stability of slopes in deep water developments, some discussion is given to highlighting the various issues contributing to the earthquake response of submarine slopes.

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