

## EINLADUNG ZUM GASTVORTRAG

im Rahmen des Forschungsseminars (Doktoratsstudium) WS 2007/08

**am MONTAG, 21. JÄNNER 2008, 17.00 UHR**

INSTITUT FÜR GEOGRAPHIE UND REGIONALFORSCHUNG  
Universität Wien • Universitätsstraße 7/5 • 1010 Wien

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Dr.

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## **ENGINEERING GEOMORPHOLOGY**

**– Myth and Reality. Geohazard Mitigation  
for Major Projects**

Engineering Geomorphology is a specialist discipline of the earth sciences and its value in the commercial world has not always been recognised. The talk will illustrate several major projects where engineering geomorphology, high-quality remote sensing data and an integrated approach is being applied to identify and mitigate the geotechnical engineering and geohazard risks through avoidance and engineering design. The commercial value of engineering geomorphology can generally be measured by the cost savings achieved by optimised ground investigations and the avoidance of 'foreseeable' adverse geohazards and ground conditions, which can lead to very significant construction time delays and cost overruns.

Dr Moore is Associate Director, Market Sector Manager and head of Halcrow's engineering geomorphology team based in Birmingham. He has over 17 years experience in the applied earth sciences for engineering, planning, development and environmental projects worldwide. Dr Moore is a professional engineering geomorphologist and geohazard risk specialist for onshore and offshore projects; he is also a leading UK expert in coastal instability and erosion prediction and management, and was an expert witness for geomorphology in the high-profile Birling Gap public inquiry.

Dr Moore has co-authored several books and published over 50 technical papers in his discipline.