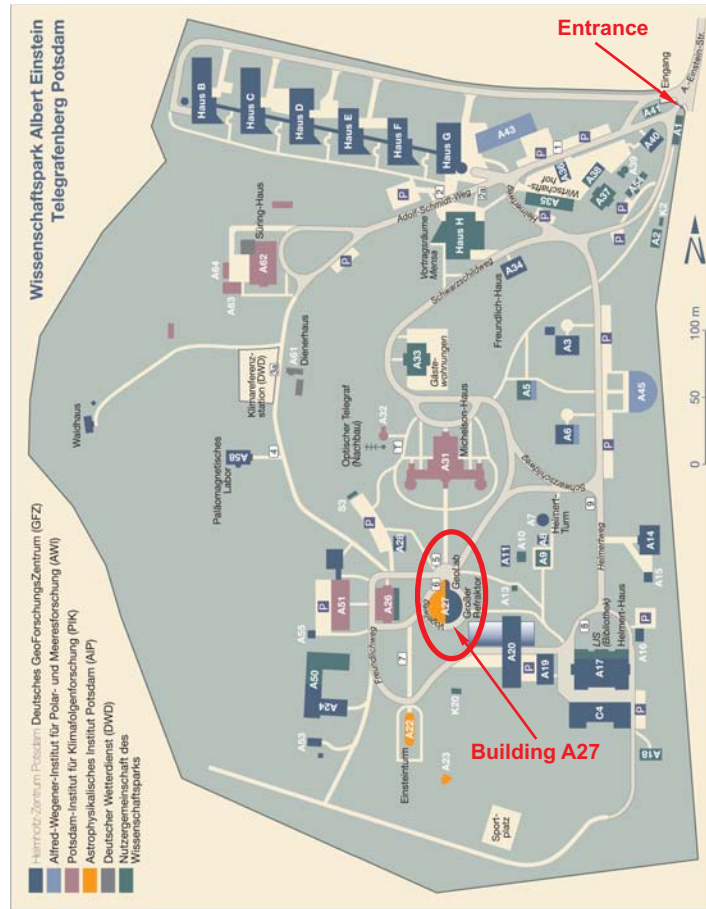




How to get to the GFZ?

From the Potsdam Central Station: keep south, cross Friedrich-Engels-Str. and Heinrich-Mann-Allee, continue uphill along Brauhausberg and follow Albert-Einstein-Straße to its end; approximate duration: 15 minutes.

Or you take the bus 691 directly to the "Albert Einstein - Wissenschaftspark".



Workshop location

at the building **A27**
(Großer Refraktor)

Excursion and Lectures

in the frame of the
International Msc. Program

Summer term 2013

Workshop No. 9:

***"Natural Hazards and Risks
in Structural Engineering"***

at the GFZ Potsdam

31 May - 3 June 2013

Bauhaus-Universität Weimar



Pakistan (2005). Quelle: EDAC

in cooperation with

GFZ

Helmholtz Centre
POTSDAM

Workshop

“Natural Hazards and Risks in Structural Engineering”

31 May 2013

11:30- **Guided tour through the campus area of the Telegrafenberg**
12:30 (A. Küppers)

Lunch break

13:15- **NHRE Lecture “Statistics II”**
14:00 (G. Grünthal)
14:00- **Presentation of the results achieved in the project “Azure II” (student’s NHRE)**
15:00

Tea break

15:20- **Continuation**
17:00

3 June 2013

09:20- **Opening**
09:30 (G. Grünthal)
09:30- **The World Stress Map: Crustal stresses in applications in industry and academia**
10:15 (O. Heidbach)
10:30- **Enhanced Geothermal Systems**
11:15 (D. Bruhn)
11:30- **Induced seismicity associated with hydraulic fracturing**
12:15 (Y. S. Yoon)
12:30- **The application of remote sensing in the context of seismic vulnerability assessment**
13:15 (M. Wieland)

Lunch break

14:15- **Satellite remote sensing for landslide hazard analysis**
15:00 (S. Roessner)
15:15- **GEOFON - Global seismic monitoring and tsunami warning**
16:00 (W. Hanka)
16:15- **Surface wave based seismic techniques for site characterization**
17:00 (M. Pilz)
17:00- **Wrap-up, general discussion and closing**
17:30 (J. Schwarz / G. Grünthal)

Organisation

G. Grünthal

GFZ Potsdam
Section 2.6
“Seismic Hazard and Stress Field”



in cooperation with

J. Schwarz

Bauhaus-Universität Weimar
Earthquake Damage Analysis Center



The German Academic Exchange Service (DAAD) grants scholarships to admit applicants of the Master course NHRSE within the programme “Postgraduate Courses for Professionals with Relevance to Developing Countries”.