



TU Dortmund University - Institute of Spatial Planning

Post Doctoral Research Fellowship (Experienced Researcher)

Title:

Sustainable development: vulnerability functions for the evaluation of physical effects related to mountain hazard.

A Post Doctoral fellowship is available financed by the European Community within the Marie Curie Research and Training Network 'Mountain Risks: from prediction to management and governance' to carry out research with the objective of developing:

1. Vulnerability functions able to describe the degree of exposure of settlements and infrastructures to mountain hazards and the likelihood of being affected due to the location and physical conditions of structures that will sustain certain impacts.
2. Uncertainty functions accounting for the uncertainty in both stress condition and structural capacity.
3. Uncertainty and decision-making – how to deal with in planning practice (regional planning, local land-use planning)?
4. Procedures aimed to establishing practical thresholds for acceptable and tolerable risks in cooperation with stakeholders.

Location: The fellowship is scheduled at the Institute of Spatial Planning, TU Dortmund University, Germany.

Supervision: The Post Doctoral Project work will be formally supervised by Stefan Greiving. The Post Doctoral Thesis may be submitted in English.

Requirements: Obtained PhD in Spatial Planning, Environmental Sciences or in Geography. Experience in defining vulnerability functions and skills in spatial/urban planning and communication.

Eligibility: As requested by the EC, applicants can not seek the position in her/his country of origin or residence.

Starting date: at the latest 2nd January, 2010, but preferably earlier.

Conditions of employment: The appointment will be given in reference to German Post Doctoral rules (skill evaluation). The fellowship duration is 12 months at a rate of about 4,065 € gross per month.

Contact persons: Interested persons should contact and send their information (CV, statement of interest, names of three references) to:

Stefan Greiving – stefan.Greiving@tu-dortmund.de, tel. +492317552213, fax +492317554788.

Selection of the applicant will be performed by the Steering Committee of the Mountain Risks Project, on a competitive basis.

Please note that the official **application deadline is 2009, August 29**, so interested applicants should establish contact as soon as possible.