



**UNIVERSITÉ
DE GENÈVE**

FACULTÉ DES SCIENCES

Département de géologie
et paléontologie

PhD graduate position in computational surface processes

The Department of Geology at the University of Geneva is looking for a PhD graduate student to work on a multidisciplinary project involving the development and application of an existing, state of the art surface **process model for simulating erosion, deposition and sediment transport in flowing water**. The work will involve computer programming (with the aid of experienced personal) along with running and analysing numerical results. Eventually, the results will be compared with laboratory and/or field measurements.

We are looking for highly motivated candidates with a strong background in earth science, computer science, physics or mathematics. Experience in computer programming is advantageous though not vital. The PhD candidate needs to be proficient in spoken and written English or French.

Interested applicants are requested to send a letter describing their motivation, along with a CV and addresses of at least two references. Applications should be sent by email to guy.simpson@unige.ch. The project can begin **any time after 1 October 2010**. The PhD project is funded for 3 years by the Swiss National Science Foundation.

More information about the position can be obtained from:
guy.simpson@unige.ch