

Job Opportunity

Critical Review of the Characteristics and Consequences of Damaging Earthquakes of Low to Medium Magnitude

An opportunity has opened up for the collection of data and elaboration of a critical review on the characteristics and consequences of low to medium magnitude earthquakes. The objective of the project is to provide context and precedent for the assessment of seismic risk due to earthquakes induced by hydrocarbon production. The review will cover a broad range of aspects of each event studied, including tectonic, geological and seismological settings, earthquake source characteristics, ground motion parameters, characteristics of the exposed population and building stock, observation of damage and collateral earthquake hazards, and a final overall appraisal of casualties and losses caused by the event. The collection of data will be carried out from written material available through libraries, journals, books, reports, newspapers and all relevant online sources, and will not require field work.

Candidates may come from a geophysics/seismology or civil engineering background, and must have an MSc or PhD in engineering seismology, geotechnical or structural earthquake engineering, and verifiable knowledge on many of the areas enumerated above. Good written English and passion for detail is essential. We are looking for highly-motivated, hard-working and disciplined individuals.

The opportunities are neither academic appointments nor permanent positions in a company; those selected will be given temporary contracts that will offer an attractive hourly rate with monthly submission of time sheets. Those engaged for the work do not need to be based in any particular location, provided they are willing to travel to London, Pavia and other European locations as required, and they are well organised and able to work alone.

If you are interested, please send your CV (as PDF) to Ms. Cecilia Nievas via cecnievas@gmail.com (*without* copy to the other signatories of this announcement), providing your contact details (email address, phone numbers and, if possible, Skype address) and also indicating your availability (when you could start work and how much of your time could be given to this work). If from the information received in your email we feel that you would be a suitable candidate, we will contact you.

Cecilia Nievas, Julian Bommer and Helen Crowley

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