

Permanent position for a seismologist at IRSN, Paris, France

July 2014

The Bureau d'évaluation des risques sismiques pour la sûreté des installations (BERSSIN) of IRSN carries out researches and expertise regarding seismic hazard for critical facilities and nuclear installations

IRSN (Institute for Radiological Protection and Nuclear Safety) is the French Technical Support Organization to the national nuclear safety authority. Besides its industrial and commercial activities, the institute carries out researches in various topics related to radioactivity risks and its environmental impact (<http://www.irsn.org/>).

We are looking for an engineer or researcher graduated in **seismology** (PhD) for a permanent position in the Seismic Hazard Division (BERSSIN) which includes about 10 engineers and researchers in geology and seismology skill. The main tasks of this division are (1) performing analyses of seismic hazard for nuclear installations (nuclear power plants, nuclear facilities and nuclear waste storages) in France and abroad (2) leading researches in geology, geophysics, and seismology to enhance the site-specific seismic hazard assessment, (3) contributing to regulation development at national or international levels in the field of seismic hazard (4) participating to studies in response to international calls for tenders. The agency is located in Fontenay-aux-Roses, few kilometers south from Paris.

This position will combine expertise of industrial sites and management of research programs. This position requires a strong background in seismology and a basic knowledge of earth sciences. We encourage the applicants with the following experience:

- Probabilistic seismic hazard assessment and uncertainty analysis
- Development and practice of statistical analysis of seismicity
- Acquisition and analysis of seismological data

These skills are in the scope of R & D on pending or planned programs and seismic hazard assessment practice. Knowledge of strong motion data used for structural design and/or source characterization is welcome.

The desired candidate is a PhD holder or he has an engineering degree, as well as fluent **speaking and writing** abilities, **both in French and English**. The ability for teamwork and public relations is a crucial point for this position (i.e. contribution to national and international working groups, meetings with operators and safety authority representatives). The candidate must also possess computer skills for scientific programming. Occasional travels in France and abroad are possible.

Important: This position is to be fulfilled as soon as possible (hearings will be held in early September 2014)

Please send your CV and a cover letter:

Either by e-mail to the following addresses (please send to both recipients):

Christophe.Clement@irsn.fr <christophe.clement@irsn.fr>

Edward.Cushing@irsn.fr <edward.cushing@irsn.fr>

Or by postal mail to: Christophe Clément / Edward Marc Cushing

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