

POSITION ANNOUNCEMENT

ASSISTANT-PROFESSOR IN *GEOLOGY* IN THE DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING, PONTIFICAL CATHOLIC UNIVERSITY OF RIO DE JANEIRO, PUC-Rio, BRAZIL

The Department of Civil and Environmental Engineering at the Pontifical Catholic University of Rio de Janeiro, PUC-Rio, is recruiting for a full-time, faculty position in the field of Applied Geology with an expected start date of second semester of 2018. The Department seeks candidates to enroll in teaching geology courses for both undergraduate and graduate programs and to carry out top level research in the areas of Engineering Geology and Geotechnical Engineering, including soil and rock engineering, petroleum and mining geology. The search level will depend on the qualifications of the candidates.

Qualifications

The candidates must fulfill the following requirements:

- Graduation in Geology or related field
- PhD degree
- Proven association with Engineering Geology in practice or academia
- Good publication track history compatible with time of graduation

Position Description

The department seeks candidates whose research, teaching and service enable them to develop a high-level engineering geology program that connects with one or more related geotechnical engineering areas of research at PUC-Rio, notably Rock Mechanics and Applied Geology, Petroleum Geomechanics, Experimental Soil Mechanics. We are seeking a candidate with exceptionally strong skills in geology either in field or laboratory. Candidates are also expected to contribute to diversity and equal opportunity in higher education through their teaching, research, and service. Women and under-represented ethnic minorities are especially encouraged to apply.

Search Level

Assistant Professor. Higher level may be considered depending upon the candidate's qualifications.

Research Duties

Candidates must be self-motivated and show promise with regard to developing a world-class research program. Proven ability to work in collaborative interdisciplinary teams will be regarded as an asset. Candidates will be expected to build up a research group that includes graduate and postdoctoral students, while providing research experience opportunities for promising undergraduate students.

Teaching duties

The successful candidate will be expected to offer an upper division undergraduate course in Geology and Engineering Geology and to develop a cutting edge course for graduate students in his sub-areas of expertise. He is also expected to participate in the department's required interdisciplinary graduate and undergraduate courses and to contribute to diversity and equal opportunity in higher education through teaching, research, and service. Undergraduate teaching activities will require basic knowledge of the Portuguese language from foreign applicants.

Applications

Applications will be accepted through April 30th, 2018, directly at the Department of Civil and Environmental Engineering's main office or via electronic mail (civ-diretoria@puc-rio.br). Applicants should submit the following materials in digital media:

- Curriculum vitae (preferably following Lattes format, for Brazilians)
- Personal description of the candidate's teaching, research and extension experience,
- A (maximum 20 page) document describing the candidate's research plan and proposal for teaching activities
- PDF copies of the most important and peer-reviewed publications
- Three letters of recommendation
- Copies of undergraduate diploma and PhD certificate

Evaluation process of candidates

The evaluation process will be divided into two parts:

Preliminary round (Elimination stage) – 07 to 08 May, 2018

- The Commission of Academic Career of the Department of Civil and Environmental Engineering will proceed a pre selection of the candidates based upon all the requirements and submitted documents

Second and final round – 14 to 16 May, 2018

A selection Committee will be appointed by the Department of Civil and Environmental Engineering in order to proceed with the final evaluation of the candidates based upon

- Private interview with all selected candidates
- Evaluation of the candidate's seminar on his proposed research project
- Evaluation of a seminar on a selected topic of Applied Geology to be proposed by the Committee

Selected candidates living outside Brazil will be contacted for video-conference presentations

Hiring Process

At the end of the selection process, the evaluation Committee will send its indication to the higher Commissions of the University that will proceed with the official appointment. The selected candidate will be submitted to a three-year tenure-track period, according to

the University Plan of Academic Career.

Additional Information

Additional information on this selection process and offered position, such as salary and benefits, can be obtained from Professor Celso Romanel, Chair of the Department's Graduate Studies in Civil Engineering, via e-mail: romanel@puc-rio.br.

Address for correspondence

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Department of Civil and Environmental Engineering – DEC
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