



UNIVERSIDAD DE COLIMA

COORDINACIÓN GENERAL DE INVESTIGACIÓN CIENTÍFICA

Official Announcement of a Faculty Position in the area of Volcano Geodesy at the University of Colima (Mexico)*

The University of Colima is seeking candidates for a position in Volcano Geodesy. We need to fill a full-time Professor-Researcher position - *Profesor Investigador de Tiempo Completo Titular A* - (equivalent to assistant professor in the United States) scheduled to begin in August 2019.

The University Center for Volcanological Studies has monitored *Volcán de Colima* since 1989. During recent years the volcano has been very active, which has led to the publication of a number of studies in diverse areas. The Center has also supported decision makers to mitigate the risk associated with recent eruptions. The position is mainly focused on research associated with *Volcán de Colima* and to support the work of volcanic monitoring as well as participation in several academic programs at the University, most notably the Environmental Science and Risk Management program at the Department of Sciences.

The successful candidate will be expected to:

- Develop a vigorous research program and maintain a high-quality academic productivity.
- Participate as a professor in undergraduate and graduate programs (a minimum of one course per semester), as well as serve as a tutor and supervise thesis. Classes might be taught in the following programs: Environmental Science and Risk Management, Civil Engineering and Metallurgy Chemical Engineering.
- Become a member of the *Consejo Nacional de Ciencia y Tecnología - CONACYT's Sistema Nacional de Investigadores* within the first two years of her appointment.
- Apply to standard Mexican grants available for researchers (start-up grants from the Secretary of Education, CONACYT, and any other that may apply).
- Participate in student recruitment activities.
- Promote collaborations with researchers at the University as well as other research centers in Mexico and abroad.
- Work in a multidisciplinary team and participate in field monitoring tasks.
- Participate in activities related to academic administration.



Requirements and Application Procedure

- PhD in Geophysics with experience in volcanic deformation and with at least one postdoctoral experience (a bachelor's or master's degree in Topography, Geology or Geophysics is desirable). For Mexican applicants, experience outside of Mexico is required. Knowledge of Spanish is not required. However, it must be learned in time.
- Experience in geodetic monitoring of active volcanoes and tectonics.
- Knowledge of measurement with GPS, tiltmeters and EDM, as well as with Remote Sensing (InSAR).
- Good physical condition for fieldwork in volcanic areas.
- Willingness to work during volcanic crises at any date and time.
- Be willing to travel within Mexico and abroad for stays and update courses.
- Be proactive, independent and with a lot of initiative.

In order to apply, please send (in English) a complete CV, a brief statement of your current and future research plans, a statement of teaching philosophy and experience, and at least three letters of recommendation. All documentation and inquiries should be sent electronically to cgic@ucol.mx with subject: "Application material for Volcano Geodesy search - Name of applicant". Please arrange for the letters of recommendation to be sent directly by the reference writers to the same email address.

Evaluation of applications will start on March 2019 and applications will be received until the positions are filled.

Evaluation and Selection Procedure

- The Evaluating Committee (EC) consists of research professors from the Center for Volcanological Studies and the Department of Sciences at the University of Colima, under the supervision of Coordinación General de Investigación Científica (CGIC). The EC will start the evaluation process on March 1, 2019.
- The EC will select a shortlist of candidates for personalized interviews. The finalists will be selected according to their academic merits, strengths, and quality of their publications. The number of candidates selected for the shortlist is completely free and will be determined by the EC.



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COORDINACIÓN GENERAL DE INVESTIGACIÓN CIENTÍFICA

- The EC will conduct the interviews (they can be done remotely) and will rank the candidates according to the priorities and needs of the Department.
- The EC will communicate the results to the General Committee for Academic Development, where all requirements and procedures will be certified. Once certified, CGIC will request authorization from the University President to proceed with the offers. CGIC will communicate the decision/authorization to the EC.
- Once authorized, CGIC will contact the selected candidates to make the offers in the appropriate order following the ranking. Candidates with an offer will have 25 natural days to make a decision. If necessary, the EC will continue to make offers following the certified ranked list until the positions are filled or officially declared empty (this must be determined by June 30 at the latest).
- The position of *Profesor Investigador de Tiempo Completo, Titular A* will have an initial duration of two years and will be renewed upon an academic evaluation. A second evaluation will take place on the fifth year. Such evaluations will be done in accordance with the University's academic regulations. Not complying with such regulations can be cause for the ceasing of labor relations.

Equity and Non-Discrimination

The selection of candidates will be done in terms of competitive, efficient, equity-based, transparent, and public processes, sustained on merit and quality. The University of Colima does not discriminate candidates based on race, national origin, gender identity (including gender expression), sexual orientation, religion, disability, age, income, or political beliefs.

Interpretation and Unforeseen Matters

The interpretation of this official announcement, as well as of any unforeseen situation not contemplated in it, will be solved by the CGIC and the EC. The results emitted in these cases will not constitute instance and the decisions will be unappealable.

Contact

Questions and request for more information related to this official announcement should be sent to cgic@ucol.mx

* Positions subject to contingent funding.