



PONTIFICIA
UNIVERSIDAD
CATÓLICA
DE CHILE

CONCURSO CARGO ACADÉMICO

FACULTAD DE AGRONOMÍA Y SISTEMAS NATURALES

CARRERA DE INGENIERÍA EN RECURSOS NATURALES

INSTITUTO DE GEOGRAFIA

SEPTIEMBRE DE 2023

The School of Agriculture and Natural Systems and the Institute of Geography at Pontificia Universidad Católica de Chile seeks for exceptional and highly motivated candidates for a full-time Associate/Assistant Professor position on **Fluvial Geomorphology**.

Position summary

The School of Agriculture and Natural Systems and the Institute of Geography at Pontificia Universidad Católica de Chile seeks for exceptional and highly motivated candidates for a full-time Associate/Assistant Professor position on Fluvial Geomorphology. The candidate chosen for this position will have a joint appointment at both academic units. The candidate will be a part of a highly experienced, diverse, and multifaceted team whose mission is to develop a new academic program in Natural Resources Engineering and will also be part of the Institute of Geography which is an academic unit dedicated to nature-society interactions, as climate and landscape evolution, sustainability, urban development and risk governance among others, being one of the best in its field in Latin America and recognized for its high level teaching, research and outreach.



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The ideal candidate would be a systems level thinker with strong quantitative skills. We are seeking an individual who would use these skills to investigate and characterize basin processes related to sediment transport, erosion, and land transformation processes that determine health and conservation of water resources at basin scale. This collaborative scientist must have the ability to engage in existing research programs and to develop independent and innovative research on River and Mountain processes, Erosion Measurement and Control, Landscape Processes and Transformations, Sediment and Pollutant Transport, among others. Desirable expertise includes some or many of the following areas: Geology, Geomorphology, Hydrology, Environmental Engineering.

The successful candidate is expected to teach at least two undergraduate courses: one for natural resources engineering students and the other for the Institute of Geography, and at least one graduate course related to the candidate specific skills. For the Natural Resources Engineering program, the course must be related to Physical Geography. The second course for undergraduates has to be related to Fluvial Geomorphology, Hydrology, or other similar subjects; all courses must be taught in Spanish.

The candidate is also expected to develop a high-quality research program within this area, being responsible for applying for external (national and international) funding, publishing in scientific journals and disseminating the finding to the general public according to the standards set by Pontificia Universidad Católica de Chile.

Minimum/ Required Qualifications

- Ph.D. in a discipline relevant to Fluvial Geomorphology, Physical Geography, Geology, Hydrology, Environmental Engineering.



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- Demonstrated potential to develop a high-quality academic research program in some of the areas of her/his expertise.
- Demonstrated interest in interdisciplinary teaching and researching
- Commitment to teaching and mentoring students at undergraduate and graduate level, promoting and enhancing diversity.
- Excellent communication skills.
- Evidence of research productivity.

Preferred Qualifications

- Evidence of ability to link basic and applied research.
- Strong record of obtaining external funding.
- Relevant experience in teaching at the undergraduate or graduate level.
- Experience with natural resource management.

Deadline for application: January 20, 2024

Applications will continue to be accepted after the full consideration date, until a sufficient applicant pool has been achieved or the position is filled. The closing date is subject to change without notice to applicants.

The Pontificia Universidad Católica de Chile is committed to equal opportunities, to the construction of an inclusive, diverse and fraternal community and to the promotion of

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the academic development of women and men. A person of foreign nationality and who applies from abroad, in case of being selected for the position, will be required to have the corresponding visa, obtained from the consulate in the country of origin, in order to be incorporated into the academic staff of the University.

Special Instructions to Applicants

When applying you will be required to attach the following electronic documents:

1. A cover letter addressing your qualifications and aspirations, explicitly identifying how they relate to the specific duties and responsibilities described in the position description.
2. A three-page curriculum vitae (CV).
3. A two-page teaching statement that specifically addresses the candidate's commitment to fostering student success and teaching strategies.
4. A two-page research statement.
5. A list of publications in peer-reviewed journals.
6. Two letters of recommendation with the names and contact information (email, telephone and mail) as they may be contacted by the search committee.
7. Copy of doctoral degree.

Please send your completed application to Professor Francisco Meza (fmeza@uc.cl) incorporating in the subject "**Postulación cargo académico Geomorfología de Ríos**".



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Inquiries can be directed to Professor Francisco Javier Meza. (fmeza@uc.cl) before deadline.