

**ACADEMIC JOB ANNOUNCEMENT**  
**Center for Ecosystem Modelling and Monitoring (CEM)**  
**Universidad Mayor**

**JOB DESCRIPTION**

The Center for Ecosystem Modelling and Monitoring (CEM) at the Universidad Mayor in Santiago, Chile, is seeking candidates for **two** open-rank full-time tenure track positions. Screening of applications will begin immediately and will remain open until all positions are filled.

The goal of the CEM is to carry out high-quality, interdisciplinary, and collaborative research on ecosystem modelling and monitoring, as well as to train new researchers. We aim at providing quantitative understanding of natural ecosystems to support scientific findings and sustainable management.

We seek for candidates with: a strong publication record (related to their respective rank); proven capabilities for working in a research team and able to establish successful research collaborations; the ability to teach graduate-level courses and experience in guiding graduate theses; and strong international research collaborations. Candidates that have a record of funded research are highly desirable. Applicants must hold a Doctor of Philosophy (Ph.D.) degree or equivalent, by the time of appointment, and be able to speak and write in English.

We encourage applications from individuals of diverse backgrounds related to ecosystem modelling and monitoring, but especially in the following disciplines:

- **Wildlife ecology**
- **Climate change**
- **Water resources (Hydrology)**

Experts on tree physiology and entomology will be considered too. We expect that candidates can carry out research using quantitative approaches and to work within an interdisciplinary research team.

The candidate is expected to carry out research, teach undergraduates and graduate courses and apply to competitive funding. The average teaching load is low, ranging from 6 to 12 hours per week, depending on rank. The official instruction language is Spanish, although particular class modules and graduate classes can be taught in English. Candidates with basic knowledge of Spanish are welcome, but need to achieve proficiency after an initial

period of induction. Salaries are competitive and standardized depending on rank. One academic position will start on May 2019, and the other on March 2020.

Applicants should submit their material by email to the following address [programa.investigacion@umayor.cl](mailto:programa.investigacion@umayor.cl) by March 25, 2019:

1) A curriculum vitae (as a single pdf file) with the following structure: *Education* (under and graduate-level); *Peer-reviewed publications* (adding the impact factor of each journal); *Other publications* (e.g., theses, books, chapter books); *Research grants*; *Presentation at scientific conferences*; *Teaching experience* (theses supervision, undergraduate and graduate-level courses, please indicate the level of responsibility, either professor in charge, collaborator, or teaching assistant). Any other relevant section of the CV must be added after all the above items.

2) A research proposal addressed to the Director of Center for Ecosystem Modelling and Monitoring.

3) Official certificates (or diplomas) of graduate degrees

Furthermore, two recommendation letters are required (including institutional e-mail addresses and phone number). Each letter must be submitted directly by the referee to the above email, and simply specifying in the subject the name of the applicant being recommended.

## **DESIRED SKILLS AND EXPERIENCE**

- PhD (or equivalent) in Ecology, Environmental Sciences, Biology, Natural Resources, Geography, Botany, Forest Sciences, Conservation Biology, Agriculture, Remote Sensing, Biometrics, or related.
- Strong publication record in peer reviewed journals.
- International experience and excellent abilities in multicultural teamwork.
- Ability to train, mentor, and advise graduate students.

## **ABOUT THE EMPLOYER**

Universidad Mayor is a private, non-profit institution accredited by The National Accreditation Commission of Chile (CNA) and The Middle States Commission on Higher Education (USA). The Center for Ecosystem Modelling and Monitoring is located in Santiago, Chile.

Universidad Mayor does not discriminate on the basis of national origin or ancestry, disability, age, religion, race, gender or sexual orientation.