

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

**Position:** Postdoctoral researcher

**Location:** Santiago, Chile.

**Deadline for application:** December 1, 2019.

The Center for Ecosystem Modelling and Monitoring (CEM) at the Universidad Mayor in Santiago, Chile, is seeking candidates for a postdoctoral researcher in forest ecosystem modelling. The candidate must hold a Doctoral degree in: forest sciences, ecology, natural resources, statistics or related disciplines, having a strong knowledge on building statistical models and advanced database management. We encourage applications from individuals of diverse backgrounds related to ecosystem modelling and monitoring.

The selected candidate will conduct original research and publish in peer-reviewed journals, as well as, will be in charge of carrying out the scientific-technical project FONDEF No. ID19|10421 (funded by the FONDEF IDeA I+D Chilean program) "*Development of a simulator of natural forest growth to support decision making in a climate change framework*". The above mentioned project is lead by Professors Christian Salas-Eljatib (CEM), Pablo Donoso (Universidad Austral de Chile), and Cynamon Dobbs (CEM). The salary is competitive for postdoctoral researchers in Chile.

**Desired skills and experience**

We seek candidates with:

- a doctoral degree<sup>1</sup> by the time of appointment in Forest Science, Ecology, Natural Resources, or related topics.
- expertise in advanced computational programming and data-base management, as well as in applied remote sensing.
- a strong publication (peer-review papers) record

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1 The degree must be obtained no longer than five years ago.

- proven ability to work in a research team and to establish successful research collaborations, and to perform field work.
- experience on forests modelling.

## **Application instructions**

Candidates should send their application (as a single pdf file) to Christian Salas-Eljatib (Director of the Fondef Proj. No. ID19|) to the email [christian.salas@umayor.cl](mailto:christian.salas@umayor.cl) with copy to christian.salas@aya.yale.edu before the deadline. The application should contain the following information:

- 1) A curriculum vitae having the following sections: *Education* (under and graduate-level); *Peer-reviewed papers*; *Other publications* (e.g., theses, books, chapter books); *Research grants*; *Presentation at scientific conferences*; *Computing skills*; and *Field experience*. Any other relevant section of the CV must be added after all the above items.
- 2) A research proposal addressed to Dr. Christian Salas-Eljatib.
- 3) Copies of 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 specify in the subject the name of the applicant being recommended.

## **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.