



Job Opening for Research Professor in

ECOLOGY AND GLOBAL ENVIRONMENTAL CHANGE WITH FOCUS ON COMPLEX ENVIRONMENTAL SYSTEMS

Division of Environmental Sciences (DES) Instituto Potosino de Investigación Científica y Tecnológica

The Division of Environmental Sciences (DES) at the Instituto Potosino de Investigación Científica y Tecnológica (IPICYT) (www.ipicyt.edu.mx) invites applications for the equivalent of a tenure-track position at the Research Professor level in Ecology and Global Environmental Change. Interested candidates are invited to send their applications to participate in the selection of a full time Research Professor according to IPICYT's Academic Personnel Statute (APS) (Estatuto del Personal Académico (EPA) by its name in Spanish) (available upon request), in the area of **Ecology and Global Environmental Change with focus on Complex Environmental Systems**.

IPICYT is a federally funded interdisciplinary research center in San Luis Potosi, Mexico that is coordinated by the National Council of Science and Technology (CONACYT by its name in Spanish). IPICYT has five research divisions: 1) Advanced Materials, 2) Control and Dynamic Systems, 3) Applied Geosciences, 4) Environmental Sciences, and 5) Molecular Biology. IPICYT offers internationally renowned Master and PhD programs; despite of its 20 years of existence, it is still a growing research center with state-of-the-art infrastructure at the level of Mexico and Latin-America.



The candidates should comply with the following general requirements:

- 1) Demonstrate strong interest and experience in conducting basic and applied research, generating and applying knowledge and methods in Ecosystem Ecology with focus on Complex Environmental Systems in the context of global environmental change.
- 2) Complement the Knowledge Generation and Application Lines currently developed in the DES, including Biotechnology and Environmental Engineering, Ecology and Global Environmental Change, and Complex Environmental Systems.
- 3) Demonstrate expertise and interest in collaborating across disciplines (e.g., multi and interdisciplinary approach).
- 4) Independently develop high quality research proposals getting funded by national and international funding agencies.
- 5) Show strong dedication and interest in training human resources at the graduate level and in applying innovative teaching methods.
- 6) Demonstrate interest in establishing networks with state institutions, national and international organizations, as well with the private sector.

Academic Responsibilities:

- Publish her/his research results according to the IPICYT's APS.
- Submit, execute, and direct research projects to sustain and increment DES's equipment and infrastructure.
- Participate in the DES's Master and PhD programs by teaching 1-2 optional courses of expertise, participating in the curricula of required coursework, organizing departmental seminars, advising and mentoring graduate students.



- Participate in and organize science and technology outreach activities for the general public.
- Establish strong collaborations with colleagues from DES, other divisions at IPICYT, and with other institutions.

Requirements:

- The candidate must hold a PhD degree in Biology, Ecology, or other closely related field in Ecosystem Ecology, Global Environmental Change, Complex Environmental Systems, among others. In any case, it is required to demonstrate solid expertise in **Ecology and Global Environmental Change**.
- Demonstrate broad and solid research expertise in the areas of Ecology, Ecosystem Functioning, Global Environmental Change, Socioecological Systems, among others.
- Count with at least two years of academic experience (i.e., research and teaching) working in an academic institution different from the one that granted the degree.
- Demonstrate interdisciplinary research expertise through scientific publications in leading journals indexed in the Journal Citation Reports, and preferably with high impact factors.
- Either belong to the National System of Researchers (Sistema Nacional de Investigadores (SNI) by its Spanish name) with a minimum level of SNI1 and with high possibilities to be promoted to SNI2 in the short-term, or have the equivalent profile.
- Have at least 15 scientific indexed publications, where the candidate is first or corresponding author in at least half of them.



- Preferably have experience in both human resources training (i.e., Bachelor, Master, and PhD students) and teaching courses at least at the undergraduate level.
- Preferably demonstrate leadership in research projects.
- Capability to work individually and in research teams; it is desirable to have ongoing national and international collaborations.
- Be willing to develop new projects in the area of Ecology and Global Environmental Change in collaboration with the research professors at the DES.
- Preferably have experience in projects in partnership with the government, private sector, and the society at large.
- High commitment and academic integrity in regards to complying with the institutional policies.

IMPORTANT NOTE: INCOMPLETE APPLICATIONS OR THOSE THAT DO NOT MEET THE ABOVE MENTIONED REQUIREMENTS WILL NOT BE CONSIDERED.

Required documentation:

- Interested candidates need to send the following files in PDF format by email:
 - Statement of interest clearly indicating the motivation to participate in this specific academic call for Research Professor.
 - *Extended Curriculum vitae* with all supporting documentation, including proofs of number of citations (excluding self-citations) and h-index according to Scopus or Web of Science. The supporting documentation needs to be numbered in consecutive order in the CV (academic certificates

- of all degrees, proof of employment, publications, patents, funded projects, graduated students, awards, among others). Compile everything in a single *.pdf.
- Research statement (maximum 3 pages) that includes a plan to independently develop novel research projects coupled with short, mid, and long-term research goals. The research statement should explicitly indicate how the candidate's research plan contributes to the DES mission, vision, and objectives. The proposed research projects should be demonstratively complimentary to those developed by research professors of the DES.
 - Clear statement on teaching philosophy and how the candidate will contribute to the development of the academic graduate programs at DES (e.g., teaching, theses direction, among others).
 - Birth certificate, passport, FM2, or equivalent. In case of being a foreigner, please send passport with at least a one year validity.
 - Three recent letters of recommendation from consolidated researchers associated with academic institutions to be sent confidentially to the Search Committee (lchapa@ipicyt.edu.mx y ernesto.badano@ipicyt.edu.mx) plus contact information (email address and phone number) in case further inquiries are needed.
 - A certificate of fluency in the Spanish language for non-native Spanish speakers.

Successful candidates will be invited to have an online interview with the Search Committee and professors of the DES. They are then asked to present an online seminar on their research expertise with focus on their future plans for research development at



DES. Lastly, they will offer a class of a graduate-level course according to their academic interests. The seminar and teaching session will be open to the IPICYT community.

The selection criteria of the candidate to fill the job vacancy will consider the curriculum vitae, recommendation letters, the interview, the research seminar, and teaching sample. The final decision will not be subject to appeal. To request further information and to submit the application package, please direct your correspondence to the Search Committee (lchapa@ipicyt.edu.mx and ernesto.badano@ipicyt.edu.mx).

Important dates:

- Publication of Job announcement: **September 21, 2021**
- Application package submission period: **September 21 to October 25, 2021**
- Invitation of successful candidates: **November 3, 2021**
- Interview, research and teaching presentations: **November 8-12, 2021**
- Estimated starting date: **January 3, 2022**

Application packages need to be sent by email to both Dr. Leonardo Chapa Vargas and Dr. Ernesto I. Badano, whose contact information is detailed below:

Search Committee – DES

Attention to Dr. Leonardo Chapa Vargas, Dr. Ernesto I. Badano

División de Ciencias Ambientales

Instituto Potosino de Investigación Científica y Tecnológica A.C.

Camino a la Presa San José 2055, Col. Lomas 4a. Sección,

C.P. 78216, San Luis Potosí, SLP, México

Tel + 444 834 2000, ext. 4005 (9:00-14:00 CT)

emails: lchapa@ipicyt.edu.mx and ernesto.badano@ipicyt.edu.mx

webpage: <http://www.ipicyt.edu.mx>

