

PROGRAMA DE

# Atracción de Jóvenes Profesores Investigadores



## CALL FOR ONE OPEN FACULTY FULL-TIME TENURE TRACK POSITIONS AT THE DEPARTMENT OF ENGINEERING – CIVIL ENGINEERING DIVISION

For candidates specialized in

### ENVIRONMENTAL AND SUSTAINABLE ENGINEERING

The Department of Engineering at the *Pontificia Universidad Católica del Perú* (PUCP) is currently hiring one full-time tenure track faculty position. You are kindly invited to apply to:

#### **One (1) full-time Assistant Professor (tenure track) positions at the Civil Engineering Division – Environmental and Sustainable Engineering**

The Department seeks motivated young professionals in Environmental and Sustainable Engineering, with extensive research experience. The successful candidate should align with the vision and mission of our Institution and Department, and aim to have a high level research career at PUCP.

The successful candidates will have a full-time dedication in the Department of Engineering, with a 40 hour per week contract. A total of 5 hours per week and semester will be dedicated to teaching undergraduate and graduate courses, and at least 35% of their time to research.

Deadline to send documents: November 19<sup>th</sup> 2024

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## *Requirements*

- a. A PhD in Environmental and/or Sustainable Engineering or a PhD diploma in another field with a background in Environmental Engineering research.
- b. The candidate should specialize in one industrial ecology and/or Life Cycle Assessment.
- c. The candidate should preferably be 35 years old or younger and have approximately 1-year experience as a postdoctoral researcher.
- d. Fluency in English and Spanish. Fluency in other languages will be considered an asset.
- e. Teaching experience (at least at the teaching assistant level). The capacity to teach courses in English will be valued.
- f. At least 2 publications indexed in Scopus or Web of Science journals, or equivalent, in the past 5 years.
- g. Experience in the presentation of research findings at international conferences.

## *Commitments and responsibilities to comply with in the position:*

The commitments below mentioned are considered for a period of 3 years:

### *a. Teaching commitments*

- Graduate and undergraduate teaching each semester (5 hours per week). Three hours should be devoted to undergraduate courses.
- Create a new graduate or undergraduate course (usually an elective) linked to the research lines of the applicant.
- Advice on average 2 graduate or undergraduate thesis per year and attain the dissertation of at least 3 students by the end of the three-year period.

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- Obtain good ratings in the Teacher Opinion Survey filled every semester by the students. The applicant should aim at achieving an 85/100 average by the end of the tenure track period.
- It is expected that new teachers should enroll in teaching improvement courses that are offered by PUCP.

## **b. Research commitments**

- At least six (6) academic publications indexed in Scopus or Web of Science journals (Q1/Q2) in the three-year period.
- Obtain a yearly funding of at least 200,000 Peruvian soles from external sources each year as a PI.
- Lead the submission of at least one project with external funding per year.
- At least one paper presentation at an international peer-reviewed conference per year of the work conducted at PUCP.
- Participate and promote workshops and events linked with the main research lines.

## **c. Affiliation**

PUCP affiliation is mandatory for all the publications, presentations, workshops and events that are developed in the tenure track period. Those products that do not fulfil this requirement will not be evaluated at the end of the period.

## **d. Exclusiveness**

During the assignment period, exclusiveness in teaching and research activities is required. The applicant selected will be able to teach and do research in other institutions only as a visiting professor or researcher.



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## ***e. Commitment with the Department***

The selected applicant is expected to participate in academic and administrative tasks at the Department of Engineering, as well as attending meetings when required.

## **Employee and institutional benefits**

- An annual bonus is granted based on the number of indexed papers published.
- An annual bonus is granted on the basis of teaching performance.
- Economic support is provided to attend national and international conferences, provided that the successful applicant has a poster or oral presentation accepted.
- Possibility to obtain internal funding at PUCP through the calls that are open by the Research Directorate (DFI) at PUCP.
- Discounts on university courses and academic programs

## **Required documents**

- a. Resume, in English or Spanish.
- b. Scanned PhD diploma on both sides. Additional documents may be required if the diploma was obtained abroad.
- c. A presentation letter, addressed to the Head of Department, Dr. Rafael Aguilar, with the following details:
  - I. Academic profile and history.
  - II. Current position and affiliation.
  - III. Main academic and professional achievements.
  - IV. Motivation and interests to apply to the position.
  - V. Research and teaching commitments of contracted at PUCP.

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- VI. Expectations if hired by PUCP.
- VII. List of attached documents.
  
- d. Research statement
  - I. Main lines of research.
  - II. Main research skills.
  - III. Research highlights in the past 5 years.
  - IV. Most representative publications, highlighting the two publications that you consider are most relevant.
  - V. International conferences attended.
  - VI. Main research lines and projects that would be developed at PUCP.
  
- e. Teaching statement
  - I. Personal perception on teaching in Environmental and Sustainable Engineering.
  - II. Experience in higher education teaching.
  - III. Teaching preferences (e.g. courses to be taught).
  - IV. Personal approach to advising undergraduate and graduate students.
  
- f. Two letters of recommendation written by researchers of University professors.

Applications should be submitted to the following email ([especialidad.ambiental@pucp.edu.pe](mailto:especialidad.ambiental@pucp.edu.pe)) by **November 19<sup>th</sup> 2024**. All documents should be merged in a single PDF file. The subject of the email should be:

***POSTULACIÓN CONTRATACIÓN IAS\_TENURE\_LASTNAME***

Those who have any doubts with the submission process can contact Dr. Ian Vázquez Rowe for guidance: [ian.vazquez@pucp.edu.pe](mailto:ian.vazquez@pucp.edu.pe)

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## IMPORTANT

These positions are intended to be carried out in-person at PUCP's Campus: Avenida Universitaria 1801, San Miguel, Lima, Peru.

## EVALUATION PROCESS

For each position offered an Evaluation Committee will be appointed with 3 professors from the Department and 2 professors or researchers who do not have PUCP affiliation. The Committees will not necessarily have the same members. On behalf of the Department, one of the three professors will be the Director of the Environmental and Sustainable Engineering Program. He will be accompanied by Division's recruitment coordinator, as well as one invited professor from the Department. The PUCP promotes gender equality and opportunities in the academy. Therefore, to the extent possible, the evaluation committee will have a gender-balanced composition.

Firstly, applicants will be evaluated based on the submitted documents. Subsequently, the applicants who meet the requirements of the call and have the highest scores will be called to a Zoom interview, in which they will be asked to prepare a short class or seminar for their presentation.

PUCP requires psychological assessment, which will provide information about the applicant's profile. This information will be reviewed by specialists and will not be considered a part of the evaluation score.

Finally, with the results of the psychological evaluation, the Council of the Department will select, within the terms stipulated, in the event that there is more than one selected candidate, the applicant who best fits the profile that the Department requires. The result must be recorded in the Council Minutes.



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## TIMELINE

Call begins	August 15 <sup>th</sup> 2024
Deadline for applicants to send documents	November 19 <sup>th</sup> 2024
First stage results	November 22-23 <sup>rd</sup> 2024
Interviews with selected applicants	December 1-5 <sup>th</sup> 2024
Second stage results	December 15 <sup>th</sup> 2024
Psychological evaluation	January 15-28 <sup>th</sup> – 2025
Final interview of selected candidate(s) with Department authorities	December 3 <sup>rd</sup> -10 2025
Appointment notification	March 2025
Starting date	March or August 2025

Hiring is expected for March or August 2025 for a three-year period. Thereafter, if the candidate complies with the assigned requirements and responsibilities, the position becomes permanent.