

DIRECTOR OF THE INSTITUTE OF SOIL SCIENCE AND PLANT CULTIVATION -
STATE RESEARCH INSTITUTE IN PUŁAWY
ANNOUNCES A COMPETITION FOR THE POSITION OF PROFESSOR
IN DEPARTMENT OF HERBOLOGY AND SOIL TILLAGE TECHNIQUES

I. Name and description of the post according to European classification

Leading Researcher (R4) – independent researcher, with the academic degree of doctor habilitated at the position of professor of the Institute, with research experience of over 10 years (years counted as in full-time employment). Independent researcher, with the academic degree of professor.

II. Scope of research

1. Development of limit values for assessing the abundance of microelements in the soil
2. Establishing recommendations for fertilisation with crop micronutrients
3. Introduction of computerised fertiliser advice, with particular emphasis on micronutrients
4. Studies on the response of plants to heavy metals
5. Research into ways to reduce phytochemical availability of metals from contaminated soils
6. Research on the use of by-products and waste materials in agriculture and the remediation of metal contaminated soils
7. Phytoremediation of metal contaminated soils
8. Determining the composition of new mineral fertilisers for the fertiliser industry and testing their yield-forming efficiency
9. Research on new phosphorus fertilisers to reduce phosphorus run-off into waters
10. Combined application of foliar fertilisers and herbicides in the field cultivation.

III. Requirements for the candidate:

1. Mandatory requirements:

- 1) A post-doctoral degree in agricultural, biological and chemical sciences
- 2) Readiness to undertake research issues justified by the needs of the Institute.
- 3) Management of a research project or an equivalent undertaking financed from external funds.
- 4) Domestic or foreign scientific internship, or comparable, documented by joint projects and/or scientific achievements, cooperation with a foreign research institution.
- 5) Achievements in the training of scientific staff - acting as a promoter in the initiated, at least one, doctoral programme.
- 6) Achievements in scientific work to date, including authorship or co-authorship of scientific publications with a total value of at least 300 points, based on the evaluation according to the list of journals from the Ministry of Science and Higher Education's list.
- 7) Activity in scientific life and organisational skills (reviews of doctoral dissertations and habilitation proceedings and publications and/or research projects, organisation and participation in conferences, organisation of workshops, courses, etc.).

2. Additional requirements:

- 1) Knowledge of world literature on trace elements in agriculture
- 2) Skills to analyse data statistically: variance analysis, multivariate analysis (cluster analysis, PCA method), multiple regression
- 3) Skills to use the Statgraphics computer program
- 4) Skills to visually recognise nutrient deficiencies in plants under field conditions, with particular emphasis on microelements.

IV. Prospects for professional development::

1. The position of professor may be promoted if the following conditions are met:
2. Professor's title in the field of agricultural, biological, chemical or economic sciences.
3. Readiness to undertake research issues justified by the needs of the Institute.
4. Achievements in scientific work to date, including authorship or co-authorship of scientific publications of a total value of at least 450 points based on the evaluation according to the list of journals from the list of the Ministry of Science and Higher Education.
5. Participation in the training of research staff - performing the function of a promoter in at least two doctoral programmes, reviews of doctoral dissertations and in habilitation proceedings or proceedings for the title of professor.

V. Remuneration range for the staff member employed as a professor at the Institute PLN 3500 to PLN 6500 per month

VI. Required documents:

1. Curriculum Vitae.
2. Cover letter - presenting briefly the candidate's interests.
3. Research achievements to date and plans for further career.
4. Documents confirming the academic degrees and titles held.
5. The list of scientific achievements.
6. A statement that, on taking up employment, the Institute will be the place of primary employment.

Consent to the processing of personal data.

IUNG-PIB staff members are not required to submit the documents listed in points 4, 6, 7

VII. Form, date and place of document submission:

The required documents should be sent by post to the address of the Institute (Instytut Uprawy Nawożenia i Gleboznawstwa - Państwowy Instytut Badawczy, 24-100 Puławy, 8 Czartoryskich Street or submitted in person to the Institute staff from Monday to Friday between 7 AM and 3 PM by 20 April 2020 or electronically to the following e-mail address: kadry@iung.pulawy.pl.

The announcement of the results will take place no later than 2 weeks after the end of the competition procedure.

The Institute may employ a staff member as of the 1st of the month following the announcement of the results of the competition.

We would like to inform you that the Institute has implemented and maintains the standards of the European Charter for Researchers and the principles of the Code of Conduct for the Recruitment of Researchers and the OTMR policy, in accordance with the guidelines and recommendations of the European Commission.