THE DIRECTOR OF THE INSTITUTE OF SOIL SCIENCE AND PLANT CULTIVATION –
STATE RESEARCH INSTITUTE IN PULAWY

ANNOUNCES AN OPEN COMPETITION FOR THE FULL-TIME POSITIONS OF:

PhD STUDENT (R1)

IN THE DEPARTMENT OF BIOECONOMY AND SYSTEMS ANALYSIS

No of positions available: 1

Research Fields: Agriculture, Bio-economic modelling, Quantitative methods

Monthly gross salary: €2,000 (decreased by the compulsory social insurance rates applicable in Poland and paid by the Institute as employer – it means approximately average monthly gross salary of €1,700)

Duration of employment: 32 months to be extended upon funding possibilities.

The Department of Bioeconomy and Systems Analysis is looking for a PhD student with a background in agricultural economics and/or agricultural sciences. Research will be conducted in the project "Bioecon - New Strategies on Bio-Economy in Poland". Please find more information on the website www.bioecon.iung.pulawy.pl/en/.

Aims of the project
In the program "BioEcon", research is coordinated to develop, extend and fully unlock the research potential of the Institute of Soil Science and Plant Cultivation (IUNG) in accordance with the new global strategies trends and changes in national needs through the creation of an excellent international and interdisciplinary department on bio-economy and systems analysis. The objective of the thesis is to build upon conventional simulation and/or optimization models to evaluate both the economic and environmental sustainability of agriculture in Poland. For this purpose, systems, rotations and production techniques that may reconcile environmental security, public acceptance and economic profitability for the actors involved in the production process will be investigated. The candidate will use existing models and will contribute to refine and improve them in order to reflect (a) a solid micro-economic background and sufficient detail of farm management and agronomic conditions, (b) ability to simulate farmers’ decision on innovation adoption, reaction to policy measures, learning and risk behavior, (c) the effect of own experience and observation of surrounding actors' experiences and also interactions with neighbours in terms of joint use of machinery, (d) spatial interaction regarding site specific factors of production such as land and water, (e) environmental feedbacks, i.e. soil erosion, nitrate leaching, pest and disease diffusion.

The successful candidate will have a M.Sc. degree in agricultural economics, agricultural sciences or a related discipline as well as strong analytical skills. Very good knowledge of statistics, agricultural system modeling and the agricultural policy as well as the Polish agricultural system are appreciated. Proficient oral and written and English skills are expected.
**Required documents:**

1. Curriculum Vitae
2. Motivation letter
3. Letter(s) of reference
4. Consent of processing of the personal data*

The required documents shall be sent by post to the Institute (IUNG-PIB, Czartoryskich 8 Street, 24-100 Pulawy, Poland) or by email in pdf format (attachments up to 15 MB) to Katarzyna Żyłowska (mailto: kzylowska@iung.pulawy.pl) or submitted personally in the Human Resources Department of the Institute, from Monday to Friday, (7h – 15h) no later than **15.10.2017**.

Shortlisted applicants should be prepared to participate in online and/or face-to-face interviews in September. The start date is negotiable, however the position is open with immediate effect. Preferred starting date is November 2017.

*The application must contain the following statement: "I hereby give consent for the personal data included in my application to be processed for the purposes of recruitment, in accordance with the Personal Data Protection Act dated August, 29,1997 (uniform text: Journal of Laws of the Republic of Poland 2002 No 101, item 926 with further amendments)"

[Signature]

Prof. Dr. hab. Wiesław Aleksander Oleszek
prof.zw