



EUROPEAN UNION
European Structural and Investment Funds
Operational Programme Research,
Development and Education



GIS and Remote Sensing: Work-stays in the Czech Republic for Post-docs from abroad

The Institute of Botany of the Czech Academy of Sciences announces an opportunity in the Department of GIS and Remote Sensing to apply for a work-stay in the Czech Republic through the project MOBILITY 2017, which is co-financed by the European Union from the European Social Fund and the state budget of the Czech Republic.

Job description

We are seeking a highly-motivated, postdoctoral fellow to join our team exploring links between spatio-temporal variability of local microclimate and plant diversity and composition.

Involvement of postdoctoral fellows in the activity supporting a quality team in research and development and his/her further professional development:

- *In the daily work of our team.*
- *Active participation in an event organised by the Institute of Botany CAS once during the stay to share his/her international experience and skills related to his/her experience from abroad with Czech colleagues.*
- *a monthly report of activities*
- *Evaluation of professional development at the end of the stay*

Form of employment: For the duration of the mobility period, the researcher will be a full-time employee in the Institute of Botany CAS with the place of work being in the Czech Republic.

Support at a workplace: Mentor: For the whole duration of the mobility period, the Post-doc Fellow will have a mentor available, with whom s/he may consult. The Mentor is a researcher performing professional supervision and looking after the researcher participating in the mobility activity, helping her/him in her/his professional development and in adapting to the host research organisation.

Length of contract: 6 months, from 01. 03. 2018 to 30. 09. 2018 (preferred, negotiable).

The salary: 62 233 CZK per month (gross wage).

Support for the Researcher's Family: 13 197 CZK.

Support is intended to ensure a contact of the researcher with his/her family members. The family member is defined as husband/wife or an equivalent relationship legally defined in the country where it was formalised, or own dependent child or dependent child entrusted into care.

Place of work: During the project postdoctoral activity will be implemented in Central Bohemia (Pruhonice).

Application schedule:

11. 12. 2017 – 19. 1. 2018 12:00 - receipt of applications from candidates.

22. 1. - 25. 1. 2018 - evaluation of applications of candidates.

26. 1. 2018 16:00 - announcement of the outcome of the selection process.

Conditions for Selection of a Scientist-Researcher

The person selected for participation in the mobility “**Work-stays in the Czech Republic for Post-docs from abroad**” must simultaneously meet the following criteria:

1. Be a post-doc.

A post-doc means a researcher within 7 years from receiving the Ph.D. degree or its equivalent. The said period may be extended for the maternity and paternity leave period, long-term sickness (more than 90 days), care for a family member (more than 90 days), pre-attestation preparation and military training. If you have not been awarded the Ph.D. degree, then the degree must correspond to Level 8 ISCED (International Standard Classification of Education). If the degree cannot be clearly determined according to Level 8 ISCED, the researcher has an obligation to demonstrate the validation during the mobility period (until the end of the mobility).

2. Be a researcher from abroad.

A Researcher from abroad shall mean a researcher, who worked at least 2 whole years, in the period from 1. 7. 2014 to the date of the interview, outside the territory of the Czech Republic in the field of research with working time of at least 0.5, or was a Ph.D. student (or similar form) abroad. Czech citizens are not excluded.

3. Be able to demonstrate publication activity – in the last 3 years from 1.7.2014, output of at least two publications in the area of: climatology, forest ecology, geostatistics, GIS and Remote Sensing, vegetation science.

4. Be interested, have knowledge, skill and understanding and have a related professional development plan in the area of:

- advanced use of R programming environment;
- good data analysis skills;
- previous experience with GIS.

5. Appreciated: Previous work with climatic data, especially from microclimatic dataloggers. Knowledge of advanced geostatistical methods and terrain analyses based on DEMs. Experience with time-series, multivariate data, geospatial models and machine learning are also welcomed.

Documents required for application:

Applicants are required to submit the following documents:

1. Certificates of academic achievement (or recognition) – scan.
2. Curriculum vitae
 - please add simple copy or scan of document/s verifying activities and/or PhD. studies outside the Czech Republic for 2 years from 1. 7. 2014 to date;
 - please mark at least 2 publications from 1. 7. 2014 to date.
3. A statutory declaration demonstrating the relationship between the researcher and another person to obtain a support for the researcher's family (family allowance).
 - if it is relevant for you, please request the form of the statutory declaration by e-mail to the initiative co-ordinator: pavla.ruzkova@ibot.cas.cz.
4. A cover letter, including:
 - a selected subtopic;

- an outline for a mini-project for 6 months (1. Your research goal during the stay, 2. Expected outcome of the stay and its future use, 3. Proposed activities, 4. Schedule). - one page A4.
- a professional development plan and how the stay will help you in professional development.
- contact information (minimally: mailing address, phone and e-mail).

Incomplete or invalid documentation may be a reason for excluding candidates from the selection process. Applicant should send documentation referred to above in electronic form (scan of signed documents) to the e-mail of the contact person: pavla.ruzkova@ibot.cas.cz.

Průhonice, 11. 12. 2017


Assoc. Prof. Jan Wild, Ph. D.
Director