

Brno, 16 September 2015

**The Global Change Research Centre, Academy of Sciences of the Czech Republic, seeks a postdoc research fellow or junior scientist with the following research focus:
Interpretation of data measured at the Atmospheric Station Křešín u Pacova**

The Atmospheric Station Křešín u Pacova is a new monitoring and research infrastructure that started operation in 2013. It consists mainly of a 250 m tall tower and is a monitoring point for greenhouse gases, selected aerosol properties and gaseous pollutants. Ancillary meteorological measurements are conducted, too. The Atmospheric Station offers broad opportunities for multidisciplinary research focused on climate change, air composition and air quality.

The main workload will be focused on the complex interpretation of measured data in order to study one or more of the following aspects: sources of measured species, their long-range transport, vertical concentration gradients and temporal variability and trends. One or more of the following approaches may be used: modeling of meteorological parameters, mixed layer, atmospheric transport, chemical transport and inversion modeling, process studies, statistics and GIS. Development of new models is not asked, rather the application or modification of already existing ones. Additional tasks will comprise consultations of students, organizational work and networking.

We ask:

- A PhD degree in atmospheric or environmental sciences. If the applicant is still studying, graduation is expected to be achieved within 6 months.
- Theoretical and practical knowledge in the above mentioned approaches for data interpretation, appropriate computing skills
- Capability of independent scientific work including publishing papers in impact factor journals as first author
- Good English communication skills, team work and self-reliance

We offer:

- Creative scientific work, self-realization in a newly built and still developing team
- Use of data from a research infrastructure of international importance
- Possibility of personal career and scientific growth
- Possibility to apply for mobility and other grants in order to significantly raise the wage
- Background of a strong and prestigious scientific institute
- Institutional support of work-life balance and equal opportunities

Your application shall include a structured scientific CV, a motivation letter containing a review of scientific themes the applicant would like to cover (in English), a diploma copy and a list of referees. You may send the application by email (Subject: AS POSTDOC JUNIOR) to dvorska.a@czechglobe.cz or by post mail to: Alice Dvorská, Global Change Research Centre CAS, v.v.i., Bělidla 4a, 603 00 Brno, Czech Republic