

New postdoctoral position at the dendrochronological laboratory

Position: Post-Doctoral Fellow

Closing Date: December 10, 2019 or until the position is filled

Duration: from February 1, 2020 (or later if needed) until December 31, 2022

Description

The dendrochronological laboratory of the Institute of Botany, CAS, seeks qualified applicants for a nearly three-year post-doctoral fellowship on a funded grant project dealing with “Large-scale reconstruction of long-term changes in tropical cyclone activity and their impact on forest ecosystems”. This topic is already well established in the laboratory, especially the research focused on East Asia and history of tropical cyclones in the Northwest Pacific Ocean. New project aims to use current knowledge and focus also on Northwest Atlantic Ocean tropical cyclone activity and thus cover both main ocean basins at the North Hemisphere.

Requirements

We are looking for an ambitious and highly motivated person with a profile in dendrochronology, forest ecology, climatology, geography or ecosystem modelling. Selected candidate is expected to: 1) participate in the fieldwork, 2) work independently and also function effectively in a team setting, 3) independently manage data analyses and writing scientific articles, and 4) meet publication deadlines. It is important that the candidate is fluent in English and has an excellent ability to formulate herself/himself both orally and in writing. Skills in computer programming (e.g. in R), statistics (with focus on temporal analysis) and/or GIS will be valued during the evaluation process.

Team and location

The selected applicant will be based at the Institute of Botany of CAS in Trebon, CZ (<http://www.butbn.cas.cz/home>), which has a modern and very well equipped dendrochronology laboratory (<http://www.butbn.cas.cz/laboratory-of-dendrochronology>). The selected applicant will be part of established international research department (currently including researchers from USA, France, Mexico, Italy, Hungary, Germany and Brazil). Next to this, project leader (Jan Altman) established an extensive global network of co-operators (including dendrochronologists, climatologists, ecologists, botanists, foresters or geographers) within past years and the selected candidate will have an opportunity to be part of this network. There is technical staff as part of the project that will perform most of the laboratory analyses. Thus, selected applicant will have a unique opportunity to concentrate on data analysis and publishing to build very strong scientific record for the next career.

Applicants will send a structured CV, contacts of two referees, and a cover letter (maximum 2 pages A4) stating their previous work, qualification and motivation to Jan Altman (altman.jan@gmail.com). Any questions should be sent to the same email. Use “TC Postdoc Position” in the subject line.