

Postdoctoral Research Fellow: Biological Impacts of Climate Change

Local Indicators of Climate Change Impacts. The Contribution of Local Knowledge to Climate Change Research (LICCI)

Duration of contract: September 2018- August 2022

Project description: We invite applications for a Postdoctoral Research fellowship to study biological impacts of climate change. Applicants must have a PhD in biology, ecology, environmental sciences or related field, and a keen interest in understanding climate variability and change and its impacts in the biophysical and the socio-economic systems. The selected fellow will work under Prof. V. Reyes-García supervision for the ERC-LICCI project "Local Indicators of Climate Change Impacts. The Contribution of Local Knowledge to Climate Change Research". This research project aims to bring insights from indigenous and local knowledge to climate research by 1) providing data on local climate change impacts on natural and on human systems and 2) testing hypotheses on the global spatial, socioeconomic and demographic distribution of local climate change impacts indicators. The position will be located at ICTA-UAB.

Functions: The selected fellow will work on a meta-analysis of biophysical impacts of climate change from around the world. The information collected will be contrasted with field data reported by indigenous peoples and with global climate models. The fellow will have a major role in the development of the project including developing methods, mentoring/supervising PhD students, analysing data, and disseminating results. The fellow will assist or lead collection of data on biological impacts of climate change. The work might include trips to remote areas where PhD students will be collecting data. The fellow will also be expected to (1) collaborate on the organization of workshops to train PhD students, and (2) participate in a policy conference to disseminate project's results. The fellow will be encouraged to pursue his/her own research ideas, within the topic of the project.

Profile: Applicants must have a PhD in biology, ecology, environmental sciences or related field, and demonstrated field experience in remote areas and in preparing biological data to be incorporated in climate models.. Candidates should be fluent in written and spoken English (fluency in other languages is a plus). Candidates should 1) have published articles in peer-reviewed international journals or monographs with recognized academic publishers, 2) be able to travel internationally for long periods of time (i.e., months), 3) have a demonstrated ability to work across disciplines, both individually and as part of a team. Candidates should also have experience in managing databases (MySQL). Skills in using Python or Java will be a plus.

Contract terms: The fellow will be hired full time during four consecutive years. The annual gross salary is of 35.964, 00€, and includes social security (i.e., health and pension benefits). Off-campus medical insurance and field expenses will be covered by the project.

To apply: Applicants should send a cover letter and at least one example of their previous work (e.g. published papers, thesis) and an updated CV to licci.erc@uab.cat by May 13th, 2018. The cover letter should include a personal statement explaining the applicant interest in the project and the name, position and e-mail contact of three potential referees. Candidates that do not fill the requirements will not be considered. Shortlisted candidates will be interviewed beginning June, and a final decision will be communicated by mid of June 2018. The selected fellow is expected to join between 15th September -15th October 2018.

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