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Title

Job announcements

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Job announcements

Postdoctoral Researcher in Macroecology Biodiversity and Climate Research Centre (BiK-F), Goethe-University Frankfurt am Main, Germany

The postdoc will investigate the impact of climatic factors and/or land-use on the macroecology of vertebrates (birds or large mammals). The focus will be on the macroecological and/or macroevolutionary analysis of the ecological niches and geographic ranges of vertebrates, including the impact of climate and land-use change on the ranges of large mammals, the macroevolution of climatic niches in birds or the inclusion of dispersal or biotic interactions in species distribution models of vertebrates.

The applicant should hold a PhD in ecology or a related field, and have a strong background in macroecological or macroevolutionary analyses of large data sets, advanced statistical analyses (e.g. species distribution modeling) and an interest in birds or mammals. He or she is expected to develop joint research projects, write funding proposals, engage in the supervision of Ph.D. and masters students, and contribute to teaching. A solid publication record, good written and oral communication skills, and the willingness to develop collaborations within the working group and the center as a whole are required.

Salary and benefits are according to a public service position in Germany (TV-H E 13). The contract shall start as soon as possible and will initially be restricted to 3 years, with a possible extension to further 3 years subject to performance. The employer is the Senckenberg Gesellschaft für Naturforschung.

Please send your application by e-mail, mentioning the reference of this position (#B20) and including a letter outlining your suitability for the post, a detailed CV, contact details of 2 referees and a selection of your most important publications to: Prof. Dr. h.c. V. Mosbrugger, Scientific Coordinator Biodiversity and Climate Research Centre, Senckenberganlage 25, D-60325 Frankfurt am Main, Germany. E-mail to Service and Finances: recruiting@senckenberg.de. For scientific enquiries please write to Prof. Dr. K. Böhning-Gaese (e-mail: katrin.boehning-gaese@senckenberg.de).

Interdisciplinary postdoc position on Geospatial Informatics

Aarhus University, Denmark

An interdisciplinary Post Doc position is available starting August 2010 or later. The responsibilities include work on geospatial problems on the boundary between computer science and biology, more specifically between algorithms and ecology/biodiversity, using modern detailed (and thus massive) topographic data in a computationally efficient way for various global-change-relevant modeling applications, including fine-resolution topography-derived variables on a global scale, as well as local- and global-scale flooding scenario modeling and impact assessment. Modest teaching responsibilities may also be required.

The Post Doc will be affiliated to the Danish National Research Foundation Center MADALGO (Center for Massive Data Algorithmics, - www.madalgo.au.dk) under the supervision of computer science Prof. Lars Arge (person.au.dk/en/large@cs), but will also work extensively with researchers in the Ecoinformatics & Biodiversity group at the Department of Biological Sciences under the supervision of Prof. Jens-Christian Svenning (person.au.dk/en/svenning@biology). Applications are welcomed from computer science researchers with skills in the design, analysis and implementation of algorithms (preferably also with I/O-efficient algorithms), as well as from geoinformatics or biology researchers with skills in ecoinformatics, GIS, and programming. Researchers with interdisciplinary research experience will be preferred. Applicants should use the application form available at www.madalgo.au.dk. Applications will be considered until the position is filled. For further information contact Professor Lars Arge at large@madalgo.au.dk or Professor Jens-Christian Svenning at svenning@biology.au.dk.

One of the benefits open to IBS members is the opportunity to have job openings posted on the biogeography.org website. If you have a position you would like to have advertised, please contact Karen Faller (faller@wisc.edu) or Michael Dawson (mdawson@ucmerced.edu) with details.

3-year PhD assistantship in plant evolution and biogeography

University of Zurich, Switzerland

Origin and evolution of island endemics in the Mediterranean Region. Our first studies on Rutaceae, Araceae and Boraginaceae used chloroplast DNA sequences and geological data to reconstruct the temporal and spatial frameworks for the origin of plants endemic to the continental fragment islands of Corsica and Sardinia and the oceanic islands of the Canarian archipelago. Some of the open questions include: i) Are species in the selected Mediterranean groups monophyletic? ii) What are the origins of the polyploid species? iii) Is there variation of ploidy levels within species? iv) Was island colonization associated with a shift of the ecological niche? The successful applicant will choose one or more of these plant families to: generate

flow cytometry data aimed at determining ploidy levels; generate nuclear DNA sequences and infer species trees; incorporate ecological data to investigate issues of niche conservatism vs. niche evolution in the selected groups.

Experience in molecular, phylogenetic and flow-cytometry methods and/or ecological niche modeling will be highly valued in the selection process. Excellent knowledge of the English language, written and oral, required. Familiarity with additional European languages (especially Spanish) would be useful for fieldwork in the Mediterranean Region. The position will be open until a suitable candidate is selected, with starting date no later than February 1, 2011. For full job description, please contact Prof. Elena Conti (ContiElena@access.uzh.ch), Dr. Barbara Keller (barbara.keller@systbot.uzh.ch) or Frau Corinne Burlet (corinne.burlet@systbot.uzh.ch).

Upcoming events

2nd International Conference on Climate Change: Impacts and Responses

8-10 July 2010 – Brisbane, Queensland, Australia

<http://on-climate.com/conference/>

EDIT Summer School of Modern Taxonomy

European Distributed Institute of Taxonomy

17 July - 1 August 2010 – Madeira, Portugal

<http://www.atbi.eu/summerschool/node/183>

Plant Biology 2010

Joint Annual Meeting of the American Society of Plant Biologists and the Canadian Society of Plant Physiologists

30 July - 5 August 2010 – Montreal, Canada

<http://www.aspb.org/pb-2010/>

95th ESA Annual Meeting

Ecological Society of America

1-6 August 2010 – Pittsburgh, USA

<http://www.esa.org/pittsburgh/>

II Conference on Biodiversity of the Guiana Shield

1-4 August 2010 – Amapá, Macapá, Brazil

<http://www.ufpa.br/naea/>

25th International Ornithological Congress

22-28 August 2010 – Campos do Jordão, Brasil

<http://www.ib.usp.br/25ioc/>

Annual Meeting of the Ecological Society of Germany, Austria and Switzerland (GfÖe)

30 August - 3 September 2010 – Giessen, Germany

<http://www.gfoe-giessen-2010.de/>

FOSS4G 2010

Conference on Geospatial Free and Open Source Software

6-9 September 2010 – Barcelona, Spain

<http://2010.foss4g.org/>

If you want to announce a meeting, event or job offer that could be of interest for (some) biogeographers, or you want to make a call for manuscripts or talks, please contact us at ibs@mncn.csic.es and frontiersofbiogeography@gmail.com.