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BEAR



JAVNA AGENCIJA ZA RAZISKOVALNO DEJAVNOST
REPUBLIKE SLOVENIJE



University of Ljubljana
Biotechnical Faculty

University of Ljubljana, Biotechnical Faculty, Department for Forestry, Wildlife Ecology Research Group

Post-doc Position in Ecology & Wildlife Management

Reference: Position 1 – Adaptive behaviour of brown bears in contrasting landscapes of Europe

Application deadline: 20.3.2018, or until the position is filled

A full-time post-doc position is available at the Department for Forestry, Wildlife Ecology Research group. We encourage applications from highly-motivated post docs with strong background in research work.

Starting date: as soon as possible, but no later than June 1st 2018

Duration: until July 2019, with possible extension.

Location: Večna pot 83, Ljubljana (Slovenia).

KEY WORDS: anthropogenic disturbances, human impacts, brown bear, *Ursus arctos*, GIS, landscape, resource selection, movement, activity, habitat selection, adaptive behaviour, Europe, Dinaric Mountains, Slovenia, Sweden

JOB DESCRIPTION:

We invite applications from highly motivated candidates with a passion for and experience in research related to animal behaviour – adaptive responses to anthropogenic disturbances. The position is a part of an (inter)national project “Development of a multi-method approach to study wildlife behaviour: investigating human-bear conflicts in contrasting landscapes of Europe” (<http://www.bf.uni-lj.si/index.php?eID=dumpFile&t=f&f=21155&token=e13870a35b32898fd5309aa8cfe66202a8e41ddd>).

Specifically, the applicant will explore the responses in the spatial ecology (circa-diurnal activity, resource selection) of brown bears (*Ursus arctos*) to different intensities of anthropogenic disturbances in the landscape by performing a large-scale comparative study of GPS collared brown bears from various populations in Europe (e.g. Slovenia, Sweden; see also <http://bearproject.info/>), where bears live in landscapes with contrasting intensities of anthropogenic disturbances. The main aims are to better understand: (1.) adaptive behaviour of brown bears as a response to increasing human disturbances (2.) the spatial use of brown bears across yearly, seasonal and circadian cycles and the effects of anthropogenic structures, and (3) the role of social interactions in spatial ecology of brown bears and its variation among individual life-stages (age classes, sex, female bears with cubs) and different landscapes. The main collaborators of the applicant will be the leader (prof. dr. Klemen Jerina), the supervisor dr. Mariano Rodríguez Recio (https://www.researchgate.net/profile/Mariano_Rodriguez_Recio) and other members of the Wildlife research group at the Forestry department in Ljubljana and of research groups collaborating in both projects (prof. dr. Jon Swenson https://www.researchgate.net/profile/Jon_Swenson, prof. dr. Andreas Zedrosser https://www.researchgate.net/profile/Andreas_Zedrosser from Scandinavian Brown bear Research project: <http://bearproject.info/>)

We seek a highly motivated and creative post-doc with good communication skills in English (oral and written), a strong capacity for work, and ability to think independently. The successful candidate is expected to publish results in scientific journals and present them at scientific meetings and conferences as well as to more general public.

REQUIREMENTS:

Successful applicants will:

- hold a Ph.D. degree (or equivalent) in forestry, biology, ecology or another relevant discipline;
- have a solid background in animal ecology and spatial ecology;
- have experience with statistical analyses (multivariate modelling, GLMM, etc.) and particularly spatial statistical analyses (habitat selection, landscape permeability, simulation of animal movement);
- have experience with handling large datasets and good knowledge of geographic information systems and tools (preferably ArcGis);
- have relevant working experience from collaborating on similar research projects;
- can work independently as a researcher and has previous experience with publishing results in scientific papers (peer-reviewed scientific journals);
- very good English skills.

SALARY:

Full-time contract.

Yearly gross salary:

24.396-29.275 €/year (depending on job performance; post-doc position, salary class 40), and reimbursements for living costs (up to cca 10 % increase of nett salary), for more details, please see the Public Sector Salary System Act <http://www.pisrs.si/Pis.web/pregledPredpisa?id=ZAKO3328>)

DOCUMENTS REQUIRED IN APPLICATION AND CONTACT DETAILS:

To apply please send an email to prof. dr. Klemen Jerina (klemen.jerina@bf.uni-lj.si) preferably until March 20th 2018 and refer to the following reference: Position 1 - Adaptive behaviour of brown bears in contrasting landscapes of Europe

Attach a single PDF file to this email including:

- 1) cover letter with motivation letter including personal research interests, detailing the qualifications and research experiences of the candidate for the position and including the earliest possible date of availability (maximum 2 pages),
- 2) scientific CV including previous working experiences, a full publication list and copies of relevant academic certificates,
- 3) copies of all degrees (MSc up), and
- 4) contact details of at least two academic referees

The most suitable candidates will be invited for an interview. The University of Ljubljana is an equal opportunity employer.

The official version of this advertisement will be soon published on the University's homepage (https://www.unilj.si/aktualno/prosta_delovna_mesta) and homepage of Zavod za zaposlovanje.

Prof. Dr. Klemen Jerina

Contact details can be used for any further information needed: e-mail: klemen.jerina@bf.uni-lj.si

phone: (+386) (0) 1-320-35-40

Skype: klemen.jerina

Page: https://www.researchgate.net/profile/Klemen_Jerina