

ZALF is a member of the Leibniz Association and, with its 350 employees, one of the largest research institutions in the Berlin-Brandenburg region. It is our mission to scientifically explain causal relationships in agricultural landscapes and to provide society with sound information for the sustainable use of agricultural landscapes through excellent research. ZALF strongly focusses on interdisciplinary collaboration.

The Leibniz Centre for Agricultural Landscape Research (ZALF) e.V. - Institute of Land Use Systems is offering a

### **PhD position (3 years)**

Start 01.06.2017

[Reference N° 14-2017]

In the framework of the "Biodiversity, Ecology and Management in National Parks and Biosphere Reserves" BEN-program which is funded by the **Marianne and Dr. Fritz Walter Fischer foundation**, a junior research group will be established at the Leibniz Centre for Agricultural Landscape Research to addresses "**Human-wildlife conflicts in agricultural landscapes of UNESCO-Biosphere Reserves**". One position will be dedicated to the following subject:

**PhD position: Migration and foraging pattern, conflicts and damage prevention of common crane (*Grus grus*) in agricultural landscapes**

#### **Your task**

The task of this PhD position is to analyse the spatio-temporal foraging and conflict pattern of crane for the case of two UNESCO-Biosphere Reserves in Kristianstads Vattenrike (Sweden) and Schaalsee (Germany) based on monitoring data and stakeholder consultations. For this purpose data gathering, sampling and mapping is required. In order to consider the expertise of the relevant stakeholder groups (e.g. farmers, conservationists etc), semi-structured interviews and survey questionnaires will be used. The overall objective is to derive management recommendations and "best-practise" examples for an improved co-existence between cranes and land users at the level of Biosphere Reserves.

#### **Your profile**

- Master's degree in Agriculture, Biology, Environmental Science, Geography or equivalent fields with strong interest in the analysis and exploration of geo-data
- Knowledge in analysing geo-data (GIS)
- Experiences with stakeholder methods of advantage
- Scientific ambition to take the next step in scientific career (cumulative PhD)
- High motivation to work in an international, interdisciplinary team
- Solid knowledge of written and spoken English and German

**We expect** experiences in classical methods of geoscience to analyse the spatio-temporal pattern of habitat-species interactions (crane) and the occurrence of land use conflicts; experiences in or readiness to socio-economic research related to survey design and/or semi-structured interviews. We expect excellent communication and teamwork skills and the motivation to independently find solutions for complex tasks, an organized, independent working style, as well as the willingness to travel and to conduct field work.

**We offer** options for courses and trainings to support your individual career development as well as a dynamic work environment and participation in international conferences and scientific meetings. Working place is Müncheberg (near Berlin, Germany). Frequent travelling to the two study sites (Sweden and Germany) for field work is needed and a stay at the Wildlife Damage Centre in Sweden considered. The position is termed for 3 years (salary according to scholarship: 1.300 € / months). It is possible to reach a doctoral degree (Dr. agr.) at the faculty for Life Sciences - Department of Crop and Animal Sciences at the Humboldt University Berlin. Cooperating partners of our research group include the Wildlife Damage Centre of the University of Agricultural Sciences (SLU) in Sweden, the Leibniz Institute for Zoo and Wildlife Research (Leibniz-IZW) in Berlin, and the University of Veterinary Medicine Hannover (TiHo).

Young researchers (below 30 years) and women are specifically encouraged to apply. Applications of mentally and physically challenged applicants will be favoured if they are equally qualified.

**For further information contact: Dr. H. König, Tel +49(0)33432/82-245, [hkoenig@zalf.de](mailto:hkoenig@zalf.de)**

Our institute team comprises broad scientific and technical competences and you can contribute and develop further in close contact with experienced scientists. Are you interested in this position within an interdisciplinary and creative work environment? If yes, please send your application including a letter of motivation, CV (incl. list of publications), master and further certificates **until 31.03.2017** only as a single pdf by stating the reference number **14-2017** to

[Bewerbungen@zalf.de](mailto:Bewerbungen@zalf.de)

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Please, also visit our webpage at [www.zalf.de](http://www.zalf.de).