

Postdoc on Preventing Rhino Poaching: Wageningen, Netherlands

Two Postdocs to develop instrumentation for wildlife protection, especially to prevent poaching of rhino. Poaching is an increasing problem for wildlife and threatens the survival of many species. The goal of this project is to build a fast and self-learning response system to predict when and where poaching is expected to take place and to allow an intervention.

One postdoc will be responsible for developing understanding of changes in movement dynamics of wildlife using advanced mathematical techniques to signal anomalies in data from sensors. The second postdoc will implement this knowledge in a multi-sensor architecture for detection and tracking of poachers. Both postdocs will be primarily based at the Resource Ecology Group of Wageningen University. The postdoc on movement pattern recognition will mainly work with Dr. Frank van Langevelde, Prof. Herbert Prins (Resource Ecology Group) and Prof. Arjen Doelman (Mathematical Institute, University of Leiden), the postdoc on multi-sensor architecture mainly with Dr. Frank van Langevelde, Prof. Herbert Prins and Prof. Paul Havinga (Pervasive Systems Group, University of Twente). They will be part of a larger team working on instrumentation for wildlife protection. The project is funded by the Netherlands Organisation for Scientific Research (NWO).

Description

The successful candidate preferentially: holds a PhD in ecology, remote sensing, computer science or (applied) mathematics by the start date has experiences with developing or using advanced computer codes and/or with analysing data from airborne (thermal) sensors, radio-tracking devices or accelerometers is well-versed in multidisciplinary research methods, data-mining and/or the analysis of large data sets has an excellent publication record in international scientific journals and excellent verbal and written communication skills is willing to do field work in South Africa and in possession of a driver's licence has proven ability to work in a collaborative multidisciplinary team

Benefits

Wageningen University and Research Centre (Wageningen UR) invites applications for postdocs on the subject of preventing rhino poaching. We offer you a full time (38 hours per week) contract for 3 years. Gross Salary: from € 3324,- to € 4551,- (scale 11), based on full time employment and dependents on expertise and experience.