

**Postdoc position (IRSTEA GRENOBLE)**

**Bewerbungsfrist: 31.03.2017**

**Post-Doc offer: Developing stochastic patch occupancy models for European forests**

Irstea Grenoble, WITHIN THE SUMFOREST ERA-NET PROJECT “REFORCE”

Irstea invites applications for a postdoc position that will develop stochastic patch occupancy models for European forests to evaluate their resilience to ongoing climate change within the project REFORCE (ERA-NET Sumforest call). This will be done by coupling national forest inventory data and tree traits data. The post-doc will contribute to one of the key aims of the REFORCE project: improving our understanding of the ecological mechanisms underlying forest resilience to climate change, and how these mechanisms are influenced by forest management.

We are looking for candidates with (i) an excellent doctoral degree in ecology, applied statistics or a related field, (ii) experience with demographic models, meta-population models, or Bayesian statistics, and (iii) a demonstrated ability to communicate in English and to publish in international scientific journals.

The post-doc will work in a stimulating research group with a focus on forest dynamics that uses a broad range of modeling technics ranging from individual up to the landscape levels, with expertise in Bayesian statistics, statistical inference for stochastic simulation models, and connection between demographic data and functional traits (see <http://www.irstea.fr/en/emgr>). Irstea is part of Université Grenoble Alpes (UGA). Our group is connected to a local network of labs working on ecology related topics, and situated in attractive surroundings in the heart of the French Alps. University of Grenoble-Alpes has a special office to facilitate the arrival of international students. The position is available for 24 months. The fixed-term contract provides a gross Salary between 2 211€ and 2 638€, and standard social security. The earliest possible starting date would be 10.04.2016.

**Application**

Applications and inquiries should be sent via e-mail to Bjoern Reineking [bjoern.reineking@irstea.fr](mailto:bjoern.reineking@irstea.fr) and Georges Kunstler [georges.kunstler@irstea.fr](mailto:georges.kunstler@irstea.fr)

Please submit your application as a single PDF file. This file should contain a 1-page cover letter describing your motivation to apply, a CV including relevant certificates, a publication list, and contact details of 2 potential referees. Review of applications will begin on 31 March 2017 and will continue until the position is filled.