

Open position: Research chair (Junior Professor) in
“Functional and evolutionary ecology of forest ecosystems under environmental changes”

The research lab “Ecology and Dynamics of human-impacted ecosystems” (EDYSAN) of the French national center of scientific research (CNRS) at Jules Verne University of Picardy, France invites applications at the Junior Professor level for a **Functional and/or Evolutionary Ecologist**, who addresses cutting-edge research questions, particularly in forest ecosystem responses to environmental changes (including biological invasions).



CNRS and the EDYSAN lab are committed to building a community of inclusive excellence, where researchers are dedicated to working in a multi-disciplinary environment. The anticipated start-date is September 2022 or later. This is an initial 3 years position with a special grant of ca. 200 K€ to implement a cutting-edge research project, followed by a permanent position of Senior Researcher at the CNRS.

Located on the Somme valley in the great plains of Northern France, the EDYSAN lab has excellent research resources including an experimental forest field and remote sensing technologies, and access to greenhouse, phenotyping automata, high performance computing, molecular biology, genomics and bioinformatics multi-user analytical laboratory, state-of-the-art light and electron microscopy, and Magnetic Resonance Imagery, facilities.

We expect the candidate to bring an innovative and high-impact research program to CNRS and EDYSAN while complementing existing and enhancing the EDYSAN lab’s research strengths (<http://www.u-picardie.fr/edysan/>). The candidate will also mentor Master and PhD students and will be given the opportunity to contribute to teaching activities of the lab.

The ground-breaking research project should be dedicated to the understanding and quantification of forest ecosystem functioning under multiscale environmental changes (including climate changes, biological invasions and anthropogenic forces). It should foster synergies between functional ecology and evolution by implementing integrative studies of interactions between ecological and evolutionary dynamics (e.g. evolution processes acting at the same time scale and/or spatial scale as ecological processes). In particular, we expect the candidate to focus on the resilience and adaptation of temperate forest ecosystems in a context of climate changes, by using cutting-edge holobiontic, epigenetic and/or genetic approaches. A research project referring to applied perspectives such as spontaneous and assisted migration of forest plants, introduction and spread of exotic plant species, biological conservation and forest ecosystem management will be appreciated.

Applications (including CV and detailed research project) must be sent to
Prof. Guillaume DECOCQ (guillaume.decocq@u-picardie.fr)