



## Swiss Federal Institute for Forest, Snow and Landscape Research WSL

The Swiss Federal Institute for Forest, Snow and Landscape Research WSL is a part of the ETH domain. Approximately 500 people work on the sustainable use and protection of the environment and on the handling of natural hazards.

The Research Unit Biodiversity and Conservation Biology investigates the diversity of life in its various forms, from genetic diversity to the diversity of species and ecosystems as well as their interactions. The Research Group Conservation Biology is seeking for **April 1, 2017** a

# PhD-student on plant and animal ecology

You will test the relative effects of taxonomic and functional macro-detritivore diversity on multiple ecosystem functions such as leaf litter decomposition and plant performance using mesocosm experiments. Furthermore you will create different species assemblages of snails, earthworms and isopods as model taxa and use uni- and multivariate models to analyse the relationships between biodiversity and ecosystem processes. You will write your PhD thesis in collaboration with the Laboratory of Functional Ecology at the University of Neuchatel.

You have a Master's degree in biology, environmental science or close related fields. Some theoretical and/or empirical knowledge of the "Biodiversity and Ecosystem Function" debate, including trait-mediated plant-animal interactions are desirable. Practical experience and taxonomic knowledge on soil invertebrates and soil biochemical analyses is favorable, as well as a good background in quantitative analyses with R. Fluency in English is essential and German is of advantage. You hold a driving license cat. B, you are able to work independently, structured and precise, you are flexible and like being part of a team.

Please send your complete application to Monika Lips, Human Resources WSL. Marco Moretti, tel. +41 (0)79 237 07 13 or email: marco.moretti@wsl.ch, will be happy to answer any questions or offer further information. The WSL strives to increase the proportion of women in its employment, which is why qualified women are particularly called upon to apply for this position.

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