

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 Forest Soils and Biogeochemistry examines how biogeochemical cycles and microbial processes are driven by environmental change. As part of a SNF research project, the Research Group Rhizosphere Processes is offering a

PhD Position in Molecular Microbial Ecology

You will gain a better understanding of the impact of mechanical disturbance during timber harvesting on the diversity and functioning of the soil microbiome. You will use cutting-edge biochemical and molecular genetic methods to study diversity and metabolic potential of the soil microbiome under different scenarios of mechanical disturbance. You will contribute to group activities, work in an interdisciplinary team, publish research findings in internationally peer-reviewed journals and participate in national and international workshops and conferences.

You have a Master's degree in Environmental Sciences, Biology, Microbiology, and/or Ecology with strong interest in microbial ecology and metagenomics of the soil environment. Experience in high-throughput DNA sequencing, bioinformatics, statistics, biogeochemical analysis, and general laboratory manipulation experiments is required. Good communication skills, an excellent team spirit and proficiency in written and spoken English are fundamental.

Please send your complete application to Mrs. Sabine Hirt, Human Resources WSL. For further information, please contact Martin Hartmann +41 (0)44 739 28 07, martin.hartmann@wsl.ch. 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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