



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 Landscape Dynamics studies patterns, causes and processes of landscape change. The SNSF Consolidator Grant-project CONCUR develops and tests a theoretical model on how planning contributes to the development of urban regions. For this project we are looking for a

PostDoc - Spatial planning in land-change modelling (80-100%)

You will pursue the integration of spatial planning and land use policies into land change models for urban regions, based on approaches and instruments developed by the CONCUR team. Specifically, your research focuses on innovative land-use classifications that are suitable for exploring causal relationships between planning intentions and land change. Furthermore, you will combine data on urban morphological characteristics and human activities (e.g. land use, land cover data and socioeconomic data) to develop land-use categories that support the evaluation of specific planning goals. These categories are then used to compare and contrast the consequences of planning scenarios (planning intentions and plan implementation efficacy) for selected urban regions.

You have a PhD degree in geography, urban studies, environmental sciences or equivalent. Significant experience in land-change modelling, spatial analysis and spatial planning and knowledge in urban remote sensing are expected. You are communicative and very interested in developing innovative, problem-oriented, and pragmatic solutions. You have published in international journals and have excellent English skills.

Please send your complete application to Sabine Hirt, Human Resources WSL, by uploading the requested documents through our webpage. Applications via email will not be considered. Anna Hersperger, Tel. +41 (0) 739 25 15, anna.hersperger@wsl.ch, will be pleased to answer your questions. 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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