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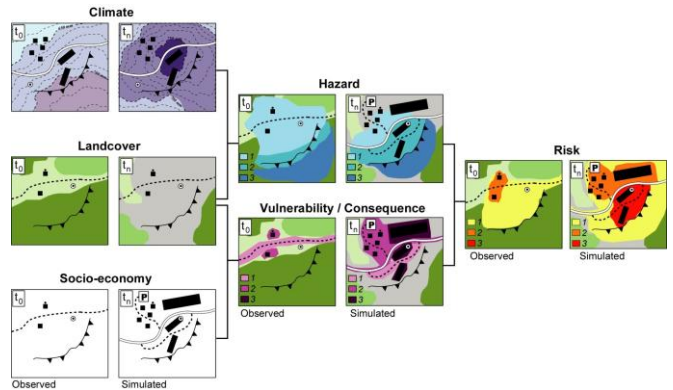


ChangingRISKS

Landslides across the Alpine countries are recognised by practitioners, politicians and scientists as having a **major socio-economic impact**, and may represent a **significant risk for the population and the properties in particular locations**. Even if many scientific advances have been made in numerous fields of landslide research in the last 10 years, there is no consensus reached on an integrated concept and methodology for landslide risk assessment (1) adaptable to a large range of climatic, environmental and socio-economic conditions, and (2) directly connected to the practical demands of the stakeholders.

The **ChangingRISKS** project intends to develop an advanced understanding of how global changes (environmental and climate change, socio-economical developments) will affect the **temporal and spatial patterns of landslide hazards and associated risks** in two Alpine territories, and how these changes can be **assessed, modeled and communicated** (through mapping procedures) to stakeholders. The project work is focused on **two mountain study areas** in France (Barcelonnette Basin, South East France) and in Austria (district Waidhofen/Ybbs, Lower Austria), characterized by a

variety of environmental, economical and social settings.



Concept of the project, with the assessment of hazard and risk for the actual state and the future, through the development of relevant maps and indicators.

From a **scientific viewpoint**, ChangingRISKS will improve our ability to forecast landslide hazard and detect future risk zones, and pave the way to new adaptation strategies in response of changes in the frequency of landslide events or in the exposure of the social system. From a **technical viewpoint**, the main outcome consists in the setting up of reliable solutions for mapping landslide susceptibility, hazard, vulnerability and risk in a quantitative framework, through the development and implementation of experimentation and demonstration platforms.

Active stakeholders' participation is a key feature of the project. Stakeholders from governmental organisations dealing with various aspects of risks will be involved in the activities of the project, to guarantee user oriented development and feasible application of the results.

Funded by:

