

## The variation in genetic material of a high Alpine catchment reveals (sub)surface exchange

Elvira Maechler<sup>1,2</sup>, **Natalie Ceperley**<sup>3,4</sup>, Anham Salyani<sup>3</sup>, Jean-Claude Walser<sup>5</sup>, Annegret Larsen<sup>3,6</sup>, Bettina Schaefli<sup>3,4</sup>, and Florian Altermatt<sup>1,2</sup>

<sup>1</sup>Eawag: Swiss Federal Institute of Aquatic Science and Technology, Department of Aquatic Ecology, Dübendorf, Switzerland (elvira.maechler@eawag.ch)

<sup>2</sup>Institute of Evolutionary Biology and Environmental Studies, University of Zurich, Zürich, Switzerland

<sup>3</sup>Institute of Earth Surface Dynamics, Faculty of Geosciences and Environment, University of Lausanne, Lausanne, Switzerland

<sup>4</sup>Geography Institute, University of Bern, Bern, Switzerland

<sup>5</sup>Federal Institute of Technology (ETH), Zürich, Genetic Diversity Centre, Zürich, Switzerland

<sup>6</sup>Soil Geography and Landscape Group, Wageningen University, Wageningen, The Netherlands

<https://vimeo.com/415348405>