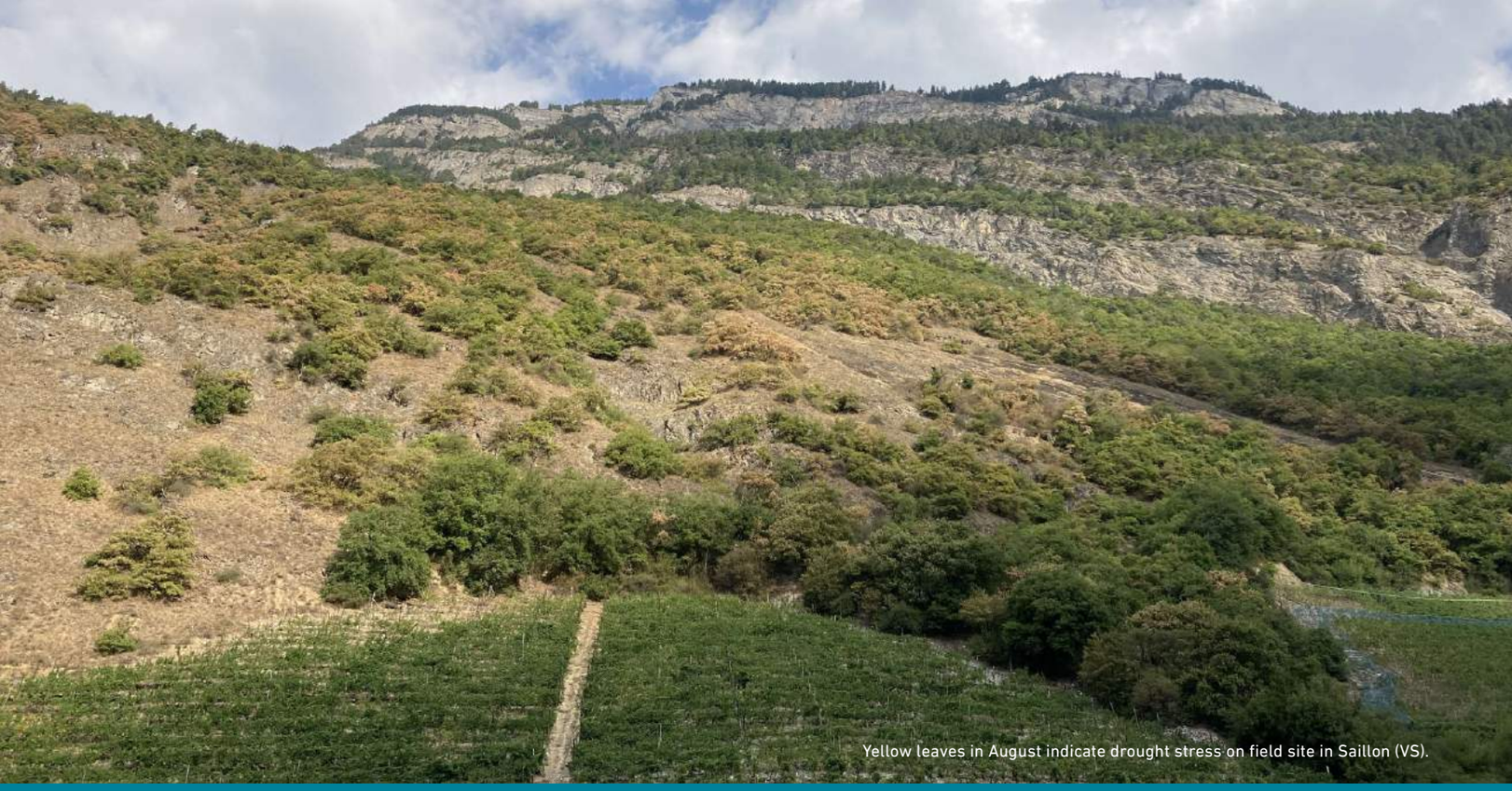

Yellow leaves in August indicate drought stress on field site in Saillon (VS).

PHYSICS OF SOILS AND TERRESTRIAL ECOSYSTEMS

Providing insight into sustaining plant growth during drought.

Research Areas

- Soil-plant interactions;
- Agriculture in water-limited regions;
- Crop physiology and phenotyping;
- Drought.

Regions

Switzerland; Germany; USA (California); Senegal; India; Australia.

Partners

Forschungszentrum Jülich GmbH (FJZ); Helmholtz-Zentrum für Umweltforschung - UFZ - Leipzig-Halle; OpenGeoHub Foundation - Wageningen; Université catholique de Louvain (UCLouvain) - Louvain-la-Neuve; Hebrew University of Jerusalem (Ha'Universita Ha'Ivrit Bi'Yerushalayim); Università degli studi di Trieste; Technical University of Munich; Desert Research Institute, Reno, USA; University of Minnesota.

Contact

ETH Zurich
Physics of Soils and Terrestrial Ecosystems
CHN F 29.1
Universitätstrasse 16
8092 Zurich

www.pose.ethz.ch →

Contribution to the WFSC

The Physics of Soils and Terrestial Ecosystems group studies the mechanisms that confer drought tolerance to crops and tress and allow them to grow under water-limited conditions. Their research is at the interfaces between the soil and plants and plants and the atmosphere and provides fundamental insight into sustaining plant growth during drought.

Prof. Andrea Carminati