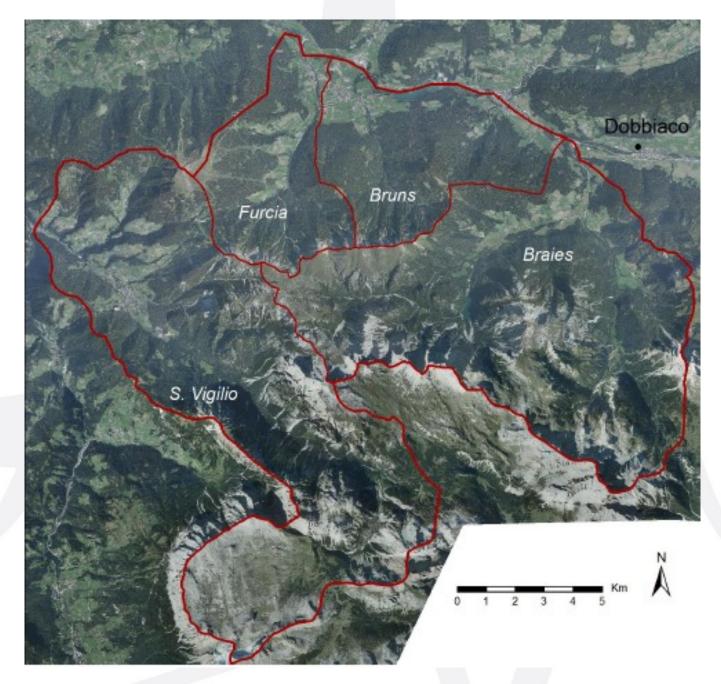


The study area includes a part of the Pusteria Valley (256 km2), located within the Autonomous Province of Bolzano, Italy. It consists of 4 basins ranging from 23 km<sup>2</sup> (Furcia basin) to 101 km<sup>2</sup> (San Vigilio basin).

These areas were overridden repeatedly by the Alpine Ice Cap during the Pleistocene and has such have inherited morphological and sedimentological characteristics typical of glaciated environments. Today no glaciers are present in the portion of the Pusteria Valley under consideration



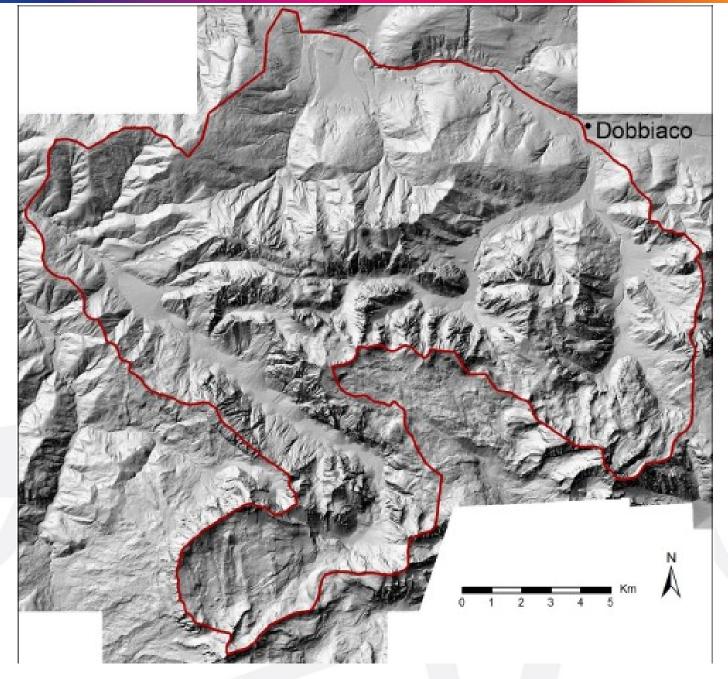
Sediment management in Alpine basins

Pustria Valley	
Basins included	4
Drainage area (km²)	253
Main river basin	Rienza river
Maximum elevation (m a.s.l.)	3144
Minimun elevation (m a.s.l.)	84
Annual rainfall min – max (mm)	750 - 900

Geology: sedimentary rocks, mainly dolostone

## Sediment management in Alpine basins

www.sedalp.eu



Shaded relief of the study area within Pusteria Valley

Sediment management in Alpine basins