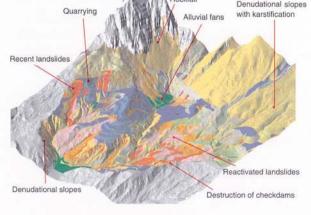


At the end of the last glaciation, the main Paive glacier had retreated from the area leaving a series of ice-marginal levels in the area surrounding San Daniele. The Borsola glacier still remained, building up a series of morainic ridges in the area SE of Caotes. Large landslides occurred, due to glacial oversteepening, especially in the area NW of San Daniele, where a large dipslope failure occurred, and in the Duppiai area, where a large rotational failure took place, with small displacements. In the Tambre area a series of flowslides in the sub-glacial till level took place.



During the Holocene mass movement activity remained high. Older landslides were reactivated and many new ones occurred. The following conditions are the most critical: stream undercutting, dipslopes in Flysch rocks, the loading of rockfall material on top of fine-grained soils, and the contact between permeable and impermeable materials. During the last century deforestation was important, since most of the area was used for agriculture. During the last decades there was a shift to tourism. Many of the recently built checkdams are already destroyed by landslides.







Digital cartographic processing: K. Sijmons and C.J. van Westen

check was made and the resulting geomorphological units (mainunits and sub-units)

For each hazard polygon the deciding factors for the hazard classification were recorded in a data-base. In this map only the geomorphological factors are indicated. For reasons of clarity the hazard types are also not indicated (different landslide types, rockfall, inundations). All factors can be evaluated in the digitial version.