**SUPPLEMENTARY MATERIAL**

**Environmental data acquisition, elaboration and integration: preliminary application to a vulnerable mountain landscape and village (Novalesa, NW Italy)**

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Table A1 lists the total population recorded by the official Italian census (Italian Institute of Statistics – ISTAT online historical data available: <https://www.istat.it/it/archivio/19367)>.

**Table 1**. Novalesa municipality population official census data from year 1861 to year 2016. Data were collected every 10 years from 1861 until 1981. Data previous to Italian national unity (year 1861) are not available. From year 1982 data are available every year. Moreover, male and female population sub-totals are given from year 1982.

| **Year** | **Males** | **Females** | **Total population** |
| --- | --- | --- | --- |
| *1861* | = | = | 1208 |
| *1871* | = | = | 1218 |
| *1881* | = | = | 1314 |
| *1901* | = | = | 1038 |
| *1911* | = | = | 1019 |
| *1921* | = | = | 1010 |
| *1931* | = | = | 760 |
| *1936* | = | = | 758 |
| *1951* | = | = | 689 |
| *1961* | = | = | 576 |
| *1971* | = | = | 617 |
| *1981* | = | = | 527 |
| *1982* | 211 | 230 | 441 |
| *1983* | 212 | 242 | 454 |
| *1984* | 208 | 240 | 448 |
| *1985* | 215 | 232 | 447 |
| *1986* | 212 | 232 | 444 |
| *1987* | 223 | 231 | 454 |
| *1988* | 220 | 237 | 457 |
| *1989* | 220 | 236 | 456 |
| *1990* | 229 | 239 | 468 |
| *1991* | 226 | 247 | 473 |
| *1992* | 270 | 284 | 554 |
| *1993* | 262 | 285 | 547 |
| *1994* | 257 | 276 | 533 |
| *1995* | 258 | 279 | 537 |
| *1996* | 268 | 270 | 538 |
| *1997* | 274 | 272 | 546 |
| *1998* | 275 | 282 | 557 |
| *1999* | 276 | 277 | 553 |
| *2000* | 272 | 271 | 543 |
| *2001* | 267 | 273 | 540 |
| *2002* | 268 | 277 | 545 |
| *2003* | 275 | 285 | 560 |
| *2004* | 277 | 290 | 567 |
| *2005* | 280 | 291 | 571 |
| *2006* | 278 | 287 | 565 |
| *2007* | 273 | 280 | 553 |
| *2008* | 288 | 289 | 577 |
| *2009* | 284 | 294 | 578 |
| *2010* | 282 | 296 | 578 |
| *2011* | 283 | 290 | 573 |
| *2012* | 265 | 287 | 552 |
| *2013* | 259 | 285 | 544 |
| *2014* | 276 | 277 | 553 |
| *2015* | 269 | 266 | 535 |
| *2016* | 268 | 266 | 534 |