

## ANNEX 1

**Table S1.** Land use in the studied catchments.

<b>Land cover</b>	<b>GE</b>	<b>LI</b>	<b>OL</b>
Urban fabric	15.4	11.6	12.3
Industrial, comercial and transport units	8.9	8.8	0.6
Mine, Dump and constructions sites	8.2	0.0	
Artificial non-agricultural vegetated areas		1.1	0.4
Arable land		9.2	44.4
Pastures		0.5	
Heterogeneous agricultural areas	7.0	18.8	19.5
Forests	45.4	45.7	4.0
Shrub and/or herbaceous vegetation associations	10.1	4.3	18.7
Open spaces with little or no vegetation	5.1		

**Table S2.** Dates of post-World War II flood events in the three studied cities.

<b>Genova Sestri Ponente</b>	<b>Olbia</b>	<b>Livorno</b>
1945, 1951, 1970, 1977, 1991, 1992, 1993, 1994, 2010 and 2014.	1946, 1951, 1958, 1964, 1972, 1979, 1983, 1989, 1992, 1995, 1996, 1996, 2008, 2010, 2013 and 2015.	1946, 1952, 1961, 1963, 1965, 1966, 1971, 1973, 1974, 1984, 1990, 1991, 1993, 2004, 2009 and 2017.