



Ligurian Speleological Delegation (Italy)

(Delegazione Speleologica Ligure, Italia)

Almost 7% of Ligurian land is covered by carbonatic rocks (limestone, dolomite and marly limestones, flyschs). The caves are developed mainly in the Triassic limestones.

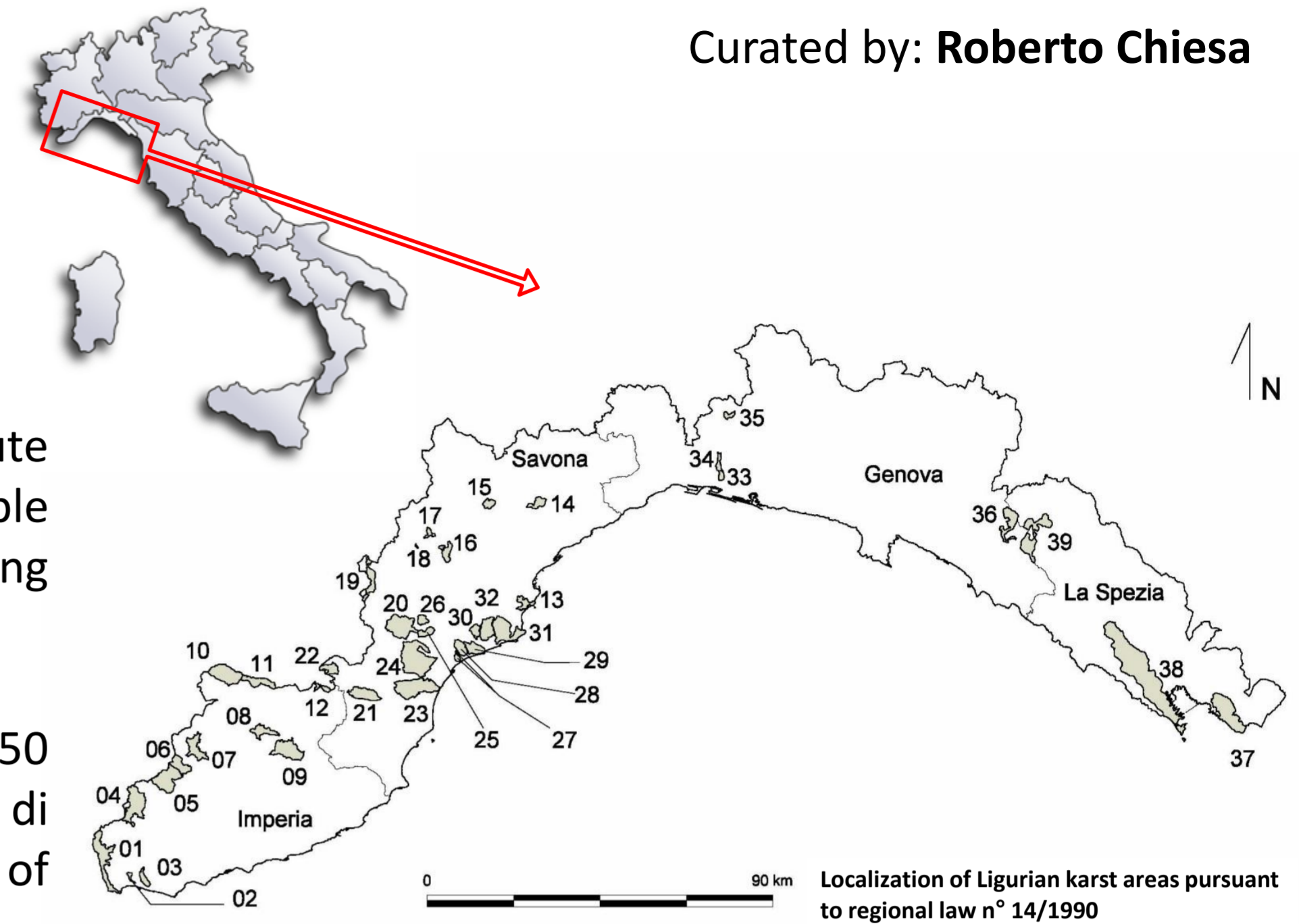
Curated by: **Roberto Chiesa**

Karst waters

The Ligurian karst springs, are numerous but most of modest scope, they constitute an important source of water for Liguria, and in large part are captured for potable water purposes from small aqueducts supplying countries. Along the coast existing some underwater springs.

Except for rare and isolated cases there is impaired by pollution sources.

The *Sorgenti delle Dotte* (SV) are greater source in Liguria with approximately 150 l/s. The major hydro-karst systems are in the province of Savona (Buranco di Bardineto-Balbiseolo-Buranco Rampiun; Pollera-Buio) and in the province of Imperia (Rugli cave).



Groups belonging at Ligurian Speleological Delegation	
A.S.G. "San Giorgio" (Genova)	2004
G.G. CAI Savona (Savona)	1994
G.S. Alassino (Alassio – SV)	1984
G.S. Borgio Verezzi (Borgio Verezzi – SV)	1974
G.S. Cycinus (Toirano – SV)	1991
G.S. CAI Bolzaneto (Genova)	1974
G.S. Imperiese CAI (Imperia)	1974
G.S. Savonese (Savona)	1974
G.S. "A. Martel" (Genova)	1987
S.C. Panda (Albenga – SV)	1989
S.C. Ribaldone (Genova)	1974
S.C. Sanremo CAI (Sanremo – IM)	1992
S.S.S. SIAL (Genova)	1986

Number of speleologist (2017):
150

Regional law:
N° 39/2009
«Norme per la valorizzazione della geodiversità, dei geositi e delle aree carsiche in Liguria»

OTHER SPELEOLOGICAL ASSOCIATIONS	
Centro Studi Sotterranei Genova (Genova)	
GS Arturo Issel (Genova)	
GS CAI Sarzana (SP)	
GS Lunense (SP)	

CADASTRE OF LIGURIAN CAVES (march 2018)	
Number of caves in cadastre	2.036
Total length	53.000 m
Average length	30 m
N° of caves longer than 500m	32
N° of caves longer than 5.000m	0
N° of caves deeper than 100m	21
N° of caves deeper than 500m	0
N° of show caves	4
N° of caves closed / protected	70
N° of polluted caves	2

THE MOST EXTENSIVE 5 meters	
Scogli Neri (SV)	4800
Balbiseolo (SV)	3500
Grotta dei Rugli (IM)	2200
Buranco di Bardineto (SV)	2060
Buranco Rampiun (SV)	1950

THE DEEPEST 5 meters	
Grotta della Melosa (IM)	253
Scogli Neri (SV)	200
Abisso Zunco (IM)	187
Buranco II di Case Peglia (SV)	165
Balbiseolo (SV)	160

Ligurian karst areas – total surface 340kmq – in red the main areas			
IM1 – Monte Grammondo	14,5	SV21 – Montenero	8,4
IM2 – Magliocca	0,8	SV22 – Ravinazzo	4
IM3 – Roverino	2,7	SV23 – Monte Acuto / Picaro	17,7
IM4 – Barbaira	14,7	SV24 – Monte Carmo di Loano	24,6
IM5 – Toraggio	13,8	SV25 – Bric Tampa	3
IM6 – Pietravecchia	6,1	SV26 – Magliolo	2,4
IM7 – Alta Valle Argentina	8	SV27 – Rocca delle Fene	1
IM8 – Prearba	5,3	SV28 – Monte Grosso	4
IM9 – Guardiabella	12,1	SV29 – Borgio / Caprazoppa	5
IM10 – Piancavallo	13,1	SV30 – Carpenea / Rocca di Perti	2,9
IM11 – Monte dei cancelli	6,5	SV31 – Manie / Capo Noli	13,8
IM12 – Pennavaira	1,9	SV32 – S. Bernardino / Orco	7,4
SV13 – Bergeggi	3,7	GE33 – Monte Gazzo	1,3
SV14 – Stella Corona	3,7	GE34 – Alta Val Chiaravagna	2
SV15 – Adelasia	2,5	GE35 – Isoverde	1,5
SV16 – Pallare	4	GE36 – Alta Val Graveglia	8,4
SV17 – Bric Tana	1,5	SP37 – Montemarcello	18,8
SV18 – Valle dei tre re	0,2	SP38 – Lama della Spezia	63,8
SV19 – Gioveti	6,4	SP39 – Monte Verruga	14,7
SV20 – Bardineto	24,6		

