Cartografia

MARITTIMO - IT FR - MARITIME
TOSCANA - LIGURIA - SARDEGNA - CORSE

La Cooperazione al cuore del Mediterraneo

Programma di Cooperazione Transfrontaliera

ITALIA – FRANCIA

MARITTIMO 2014 – 2020

Procedura di Valutazione Ambientale Strategica

Ai sensi della Direttiva 42/2001/CE

Allegato B

Cartografia

Aprile 2014

A cura di:

RTI RESOLVO SRL - RESCO SOC COOP, AGROTEC SPA (SUBAPPALTO)

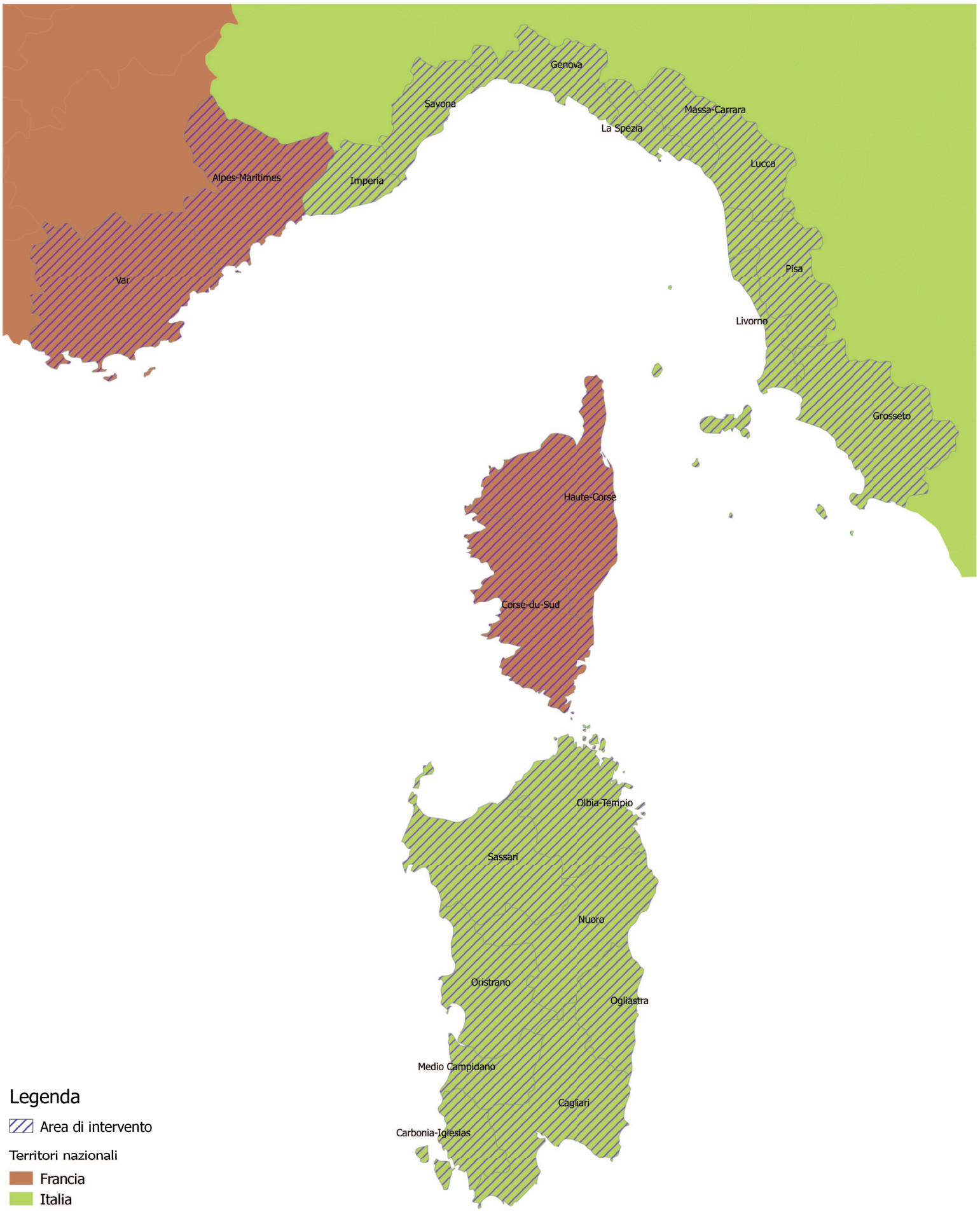
Regione Toscana,
Settore Attività Internazionali



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VALUTAZIONE AMBIENTALE STRATEGICA
Programma di cooperazione transfrontaliera Italia – Francia Marittimo 2014 – 2020

Tavola: Inquadramento territoriale e delimitazione fisica dell'area di intervento



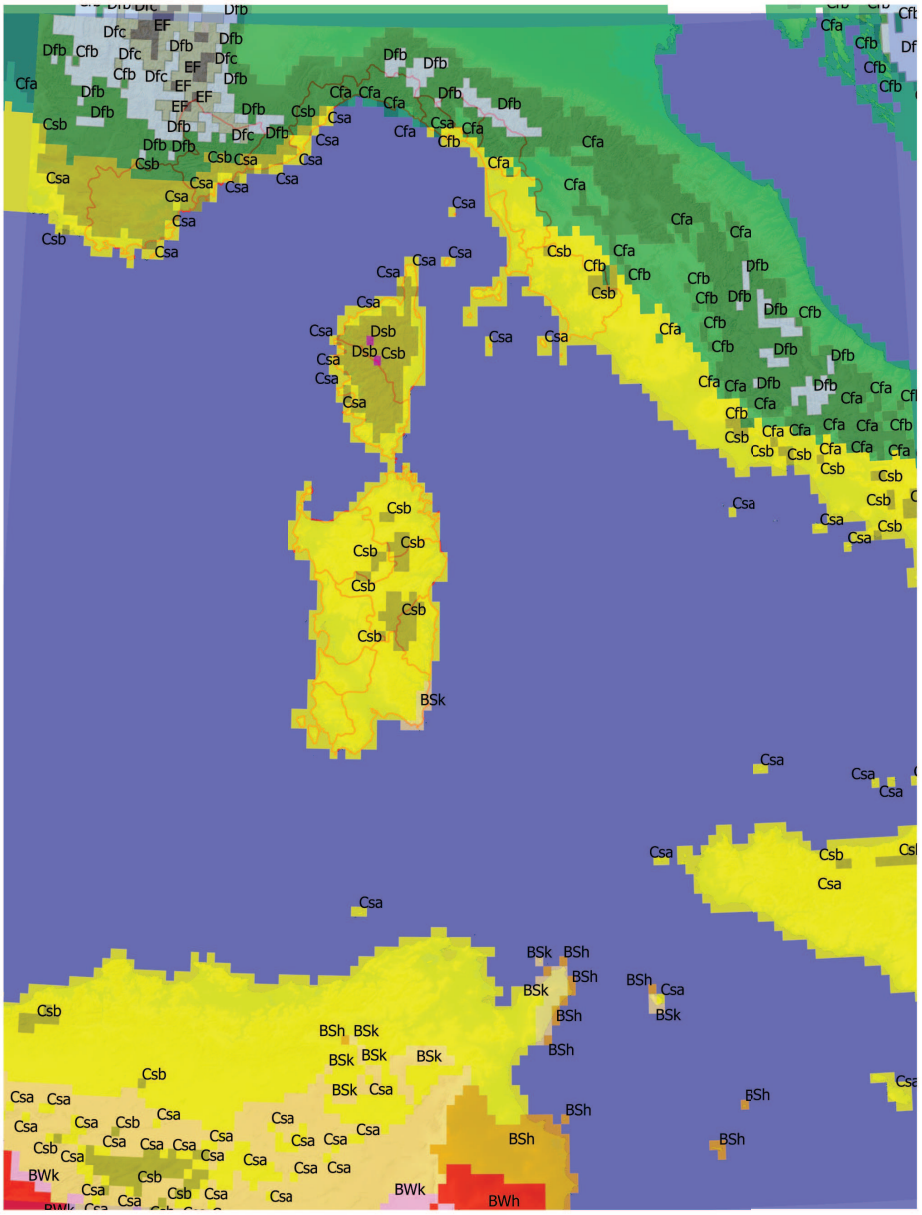
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VALUTAZIONE AMBIENTALE STRATEGICA
Programma di cooperazione transfrontaliera Italia – Francia
Marittimo 2014 – 2020

Tavola: Inquadramento territoriale e delimitazione dell'area di studio

1st	2nd	3rd	Description	Criteria*
A			Tropical	$T_{cold} \geq 18$
	f		- Rainforest	$P_{dry} \geq 60$
	m		- Monsoon	Not (Af) & $P_{dry} \geq 100-MAP/25$
	w		- Savannah	Not (Af) & $P_{dry} < 100-MAP/25$
B			Arid	$MAP < 10 \times P_{threshold}$
	W		- Desert	$MAP < 5 \times P_{threshold}$
	S		- Steppe	$MAP \geq 5 \times P_{threshold}$
		h	- Hot	$MAT \geq 18$
		k	- Cold	$MAT < 18$
C			Temperate	$T_{hot} > 10$ & $0 < T_{cold} < 18$
	s		- Dry Summer	$P_{sdry} < 40$ & $P_{sdry} < P_{wwet}/3$
	w		- Dry Winter	$P_{wdry} < P_{swet}/10$
	f		- Without dry season	Not (Cs) or (Cw)
		a	- Hot Summer	$T_{hot} \geq 22$
		b	- Warm Summer	Not (a) & $T_{mon10} \geq 4$
		c	- Cold Summer	Not (a or b) & $1 \leq T_{mon10} < 4$
D			Cold	$T_{hot} > 10$ & $T_{cold} \leq 0$
	s		- Dry Summer	$P_{sdry} < 40$ & $P_{sdry} < P_{wwet}/3$
	w		- Dry Winter	$P_{wdry} < P_{swet}/10$
	f		- Without dry season	Not (Ds) or (Dw)
		a	- Hot Summer	$T_{hot} \geq 22$
		b	- Warm Summer	Not (a) & $T_{mon10} \geq 4$
		c	- Cold Summer	Not (a, b or d)
		d	- Very Cold Winter	Not (a or b) & $T_{cold} < -38$
E			Polar	$T_{hot} < 10$
	T		- Tundra	$T_{hot} > 0$
	F		- Frost	$T_{hot} \leq 0$

*MAP = mean annual precipitation, MAT = mean annual temperature, T_{hot} = temperature of the hottest month, T_{cold} = temperature of the coldest month, T_{mon10} = number of months where the temperature is above 10, P_{dry} = precipitation of the driest month, P_{wdry} = precipitation of the driest month in summer, P_{sdry} = precipitation of the driest month in winter, P_{wwet} = precipitation of the wettest month in summer, P_{swet} = precipitation of the wettest month in winter, $P_{threshold}$ = varies according to the following rules (if 70% of MAP occurs in winter then $P_{threshold} = 2 \times MAT$, if 70% of MAP occurs in summer then $P_{threshold} = 2 \times MAT + 28$, otherwise $P_{threshold} = 2 \times MAT + 14$). Summer (winter) is defined as the warmer (cooler) six month period of ONDJFM and AMJJAS.



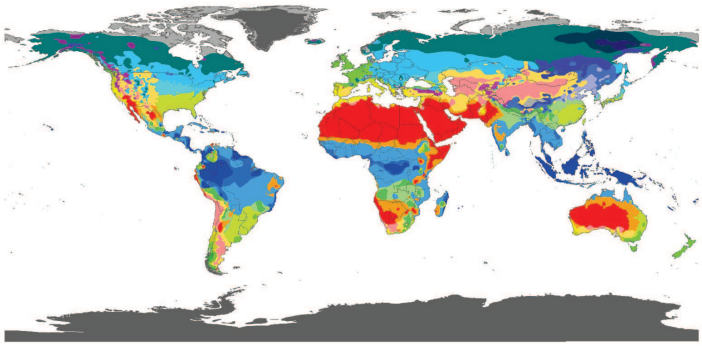
Legenda

Area di intervento

Köppen climate classification

- equatorial climate (Af)
- monsoon climate (Am)
- tropical savanna climate (Aw)
- warm semi-arid climate (BSh)
- cold semi-arid climate (BSk)
- warm desert climate (BWh)
- cold desert climate (BWk)
- warm oceanic climate/humid subtropical climate (Cfa)
- temperate oceanic climate (Cfb)
- cool oceanic climate (Cfc)
- warm mediterranean climate (Csa)
- temperate mediterranean climate (Csb)
- Warm temperate with dry, cool summer (Csc)
- humid subtropical climate (Cwa)
- humid subtropical climate/subtropical oceanic highland climate (Cwb)
- oceanic subpolar climate (Cwc)
- warm continental climate/humid continental climate (Dfa)
- temperate continental climate/humid continental climate (Dfb)
- cool continental climate/subarctic climate (Dfc)
- cold continental climate/subarctic climate (Dfd)
- warm continental climate/mediterranean continental climate (Dsa)
- temperate continental climate/mediterranean continental climate (Dsb)
- cool continental climate (Dsc)
- cold continental climate (Dsd)
- warm continental climate/humid continental climate (Dwa)
- temperate continental climate/humid continental climate (Dwb)
- cool continental climate/subarctic climate (Dwc)
- cold continental climate/subarctic climate (Dwd)
- tundra climate (EF)
- ice cap climate (ET)

World map of Köppen-Geiger climate classification



THE UNIVERSITY OF MELBOURNE

Af Am Aw BWh BWk BSh BSk Csa Csb Cwa Cwb Cwc Cfa Cfb Cfc Dsa Dsb Dsc Dsd Dwa Dwb Dwc Dwd Dfa Dfb Dfc Dfd ET EF

DATA SOURCE : GHCN v2.0 station data Temperature (N = 4,844) and Precipitation (N = 12,396)

PERIOD OF RECORD : All available

MIN LENGTH : ≥30 for each month

RESOLUTION : 0.1 degree lat/long

Contact : Murray C. Peel (mpeel@unimelb.edu.au) for further information

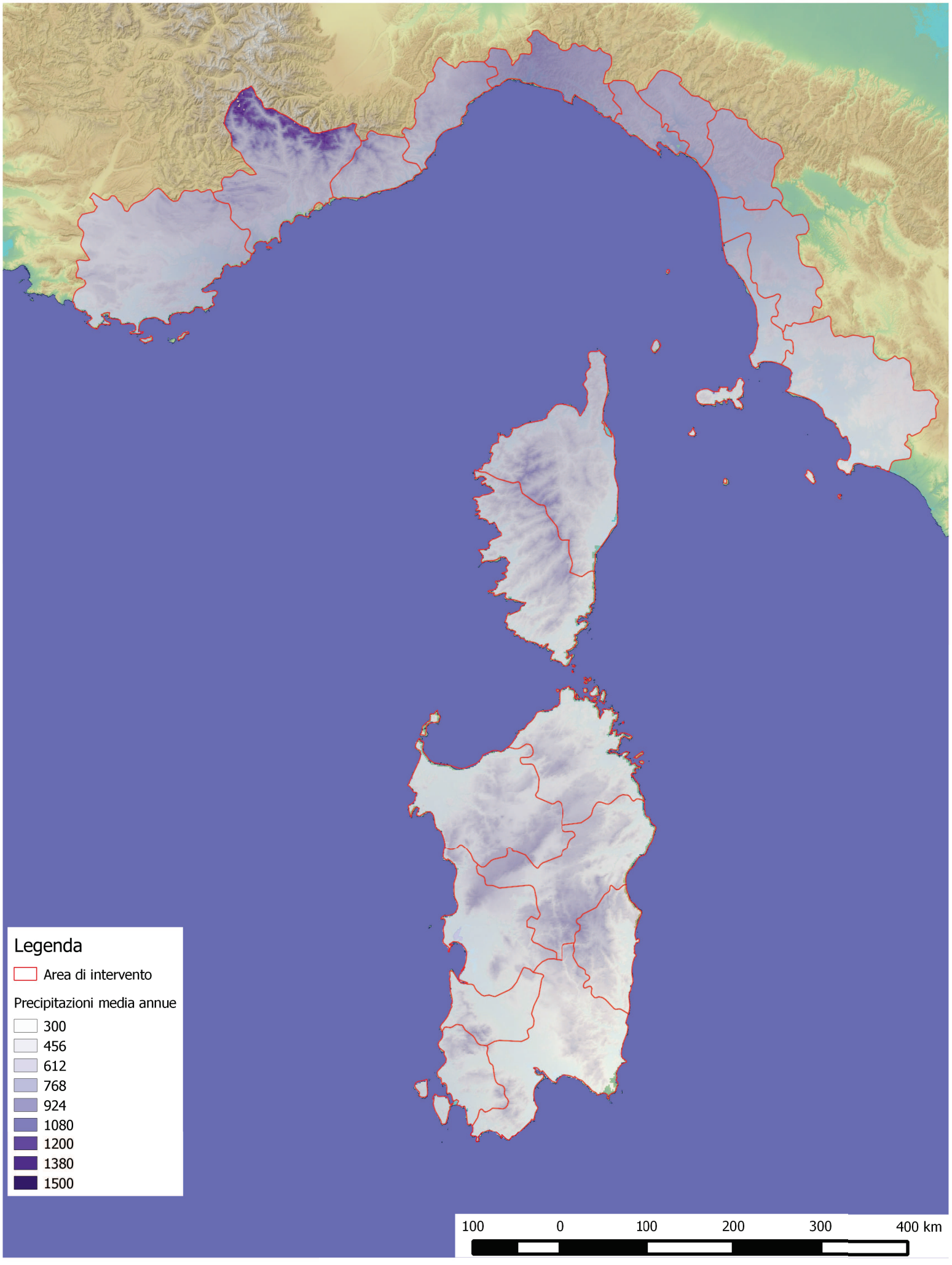
100 0 100 200 300 400 km

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Tavola: Köppen–Geiger climate classification (fonte: https://www.climond.org)

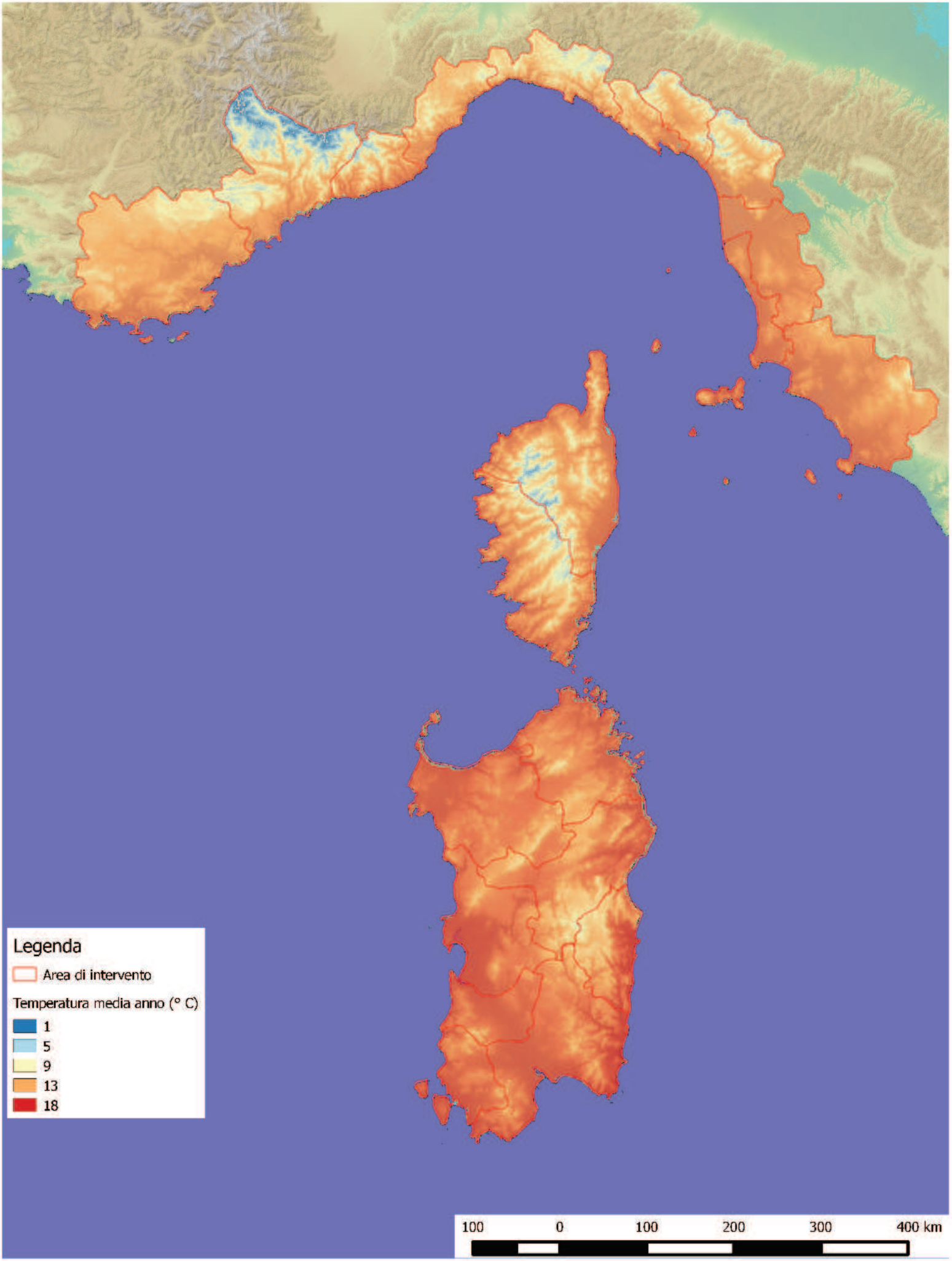
[refUpdated world map of the Koppen-Geiger climate classification
M. C. Peel1, B. L. Finlayson, and T. A. McMahon]



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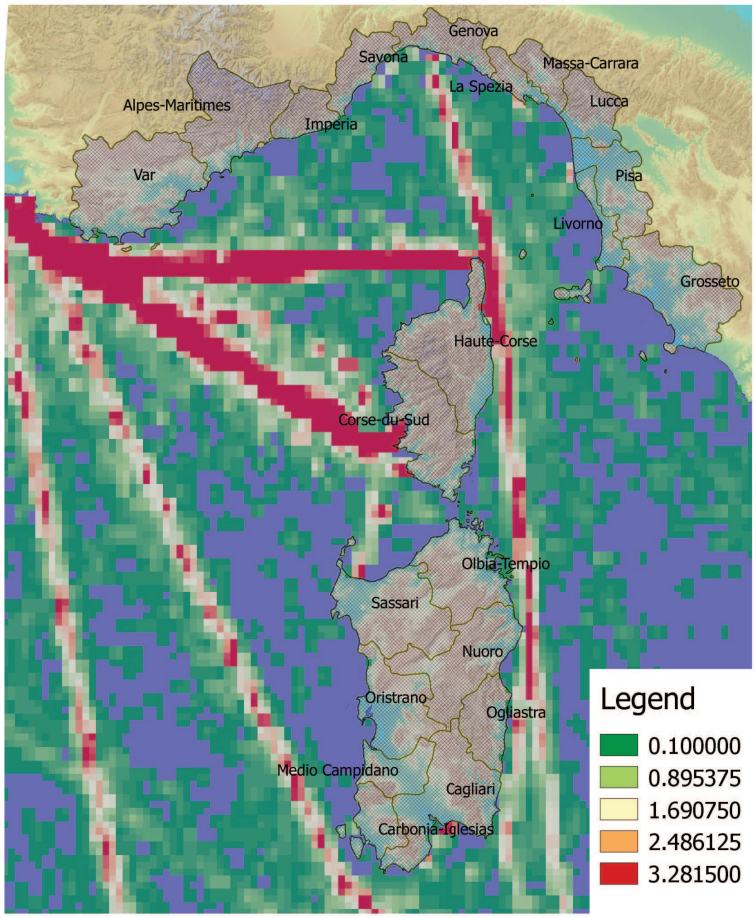
VALUTAZIONE AMBIENTALE STRATEGICA
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Marittimo 2014 – 2020

Tavola: Distribuzione delle precipitazioni medie annue - mm (fonte: http://www.worldclim.org/)

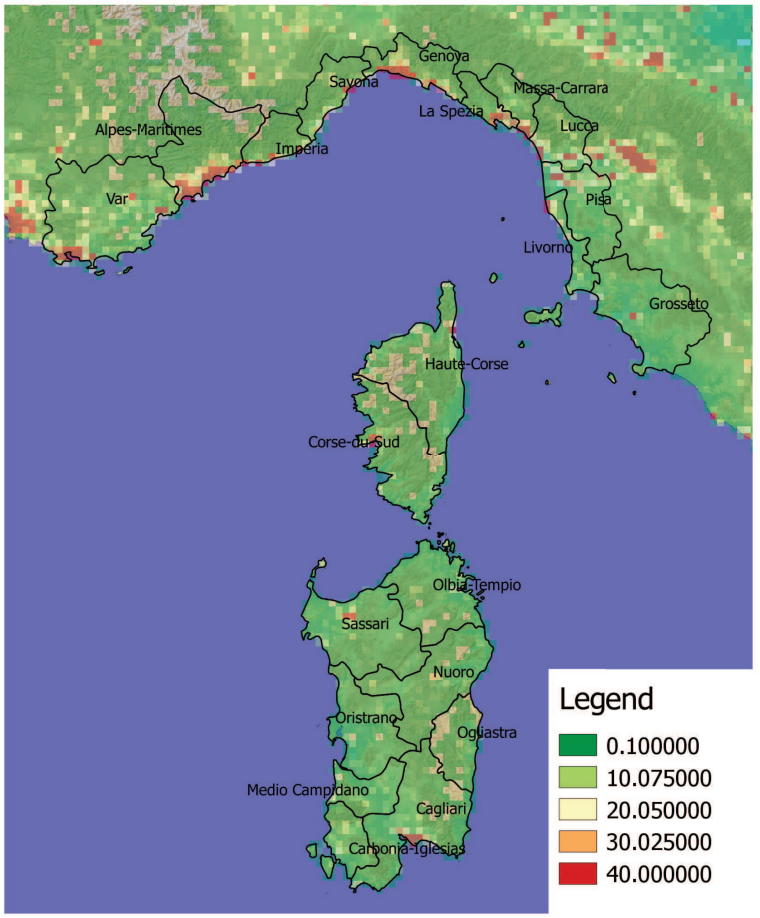


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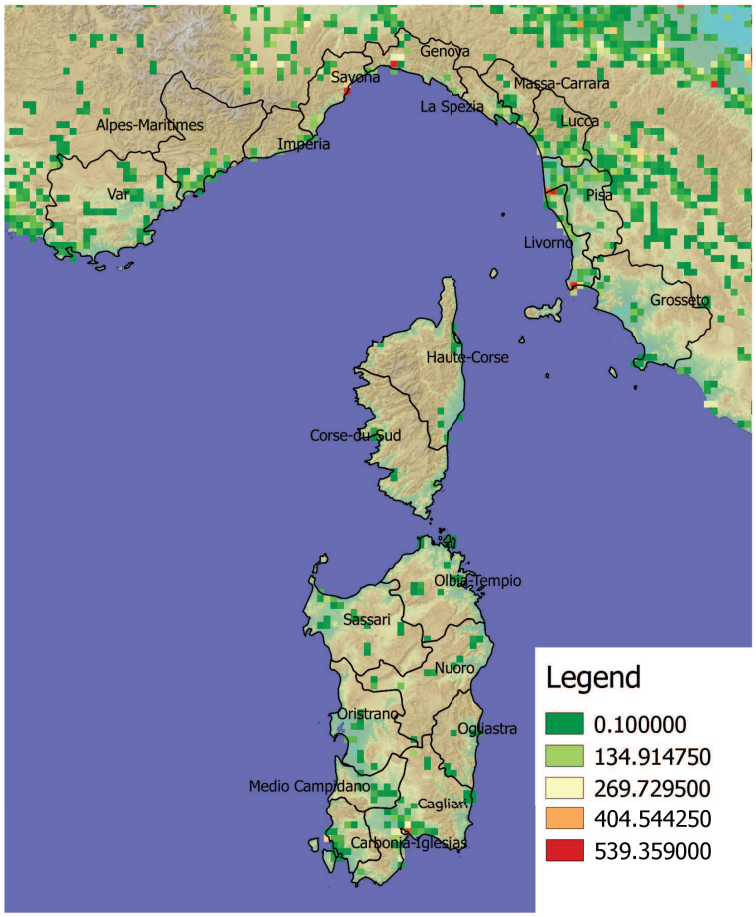
Tavola: Distribuzione delle temperature medie annue - ° C (fonte: http://www.worldclim.org/)



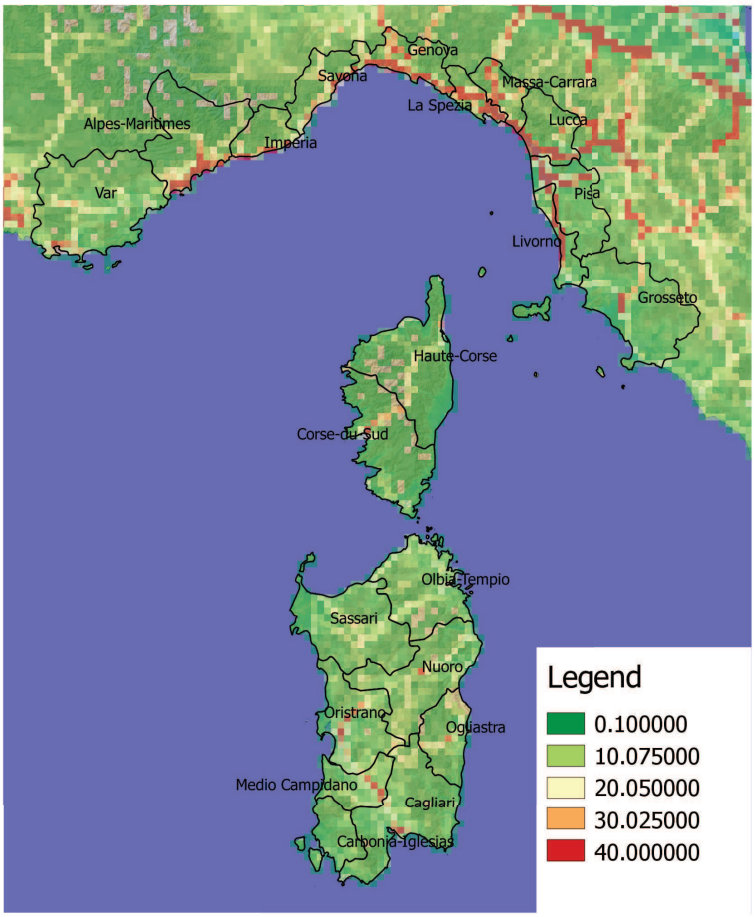
CO2 emissions from international shipping [kt/grid (5kmx5km)]



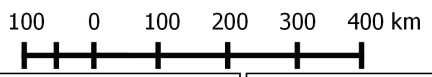
CO2 emissions from non-industrial combustion plants



CO2 emissions from diffuse industrial releases



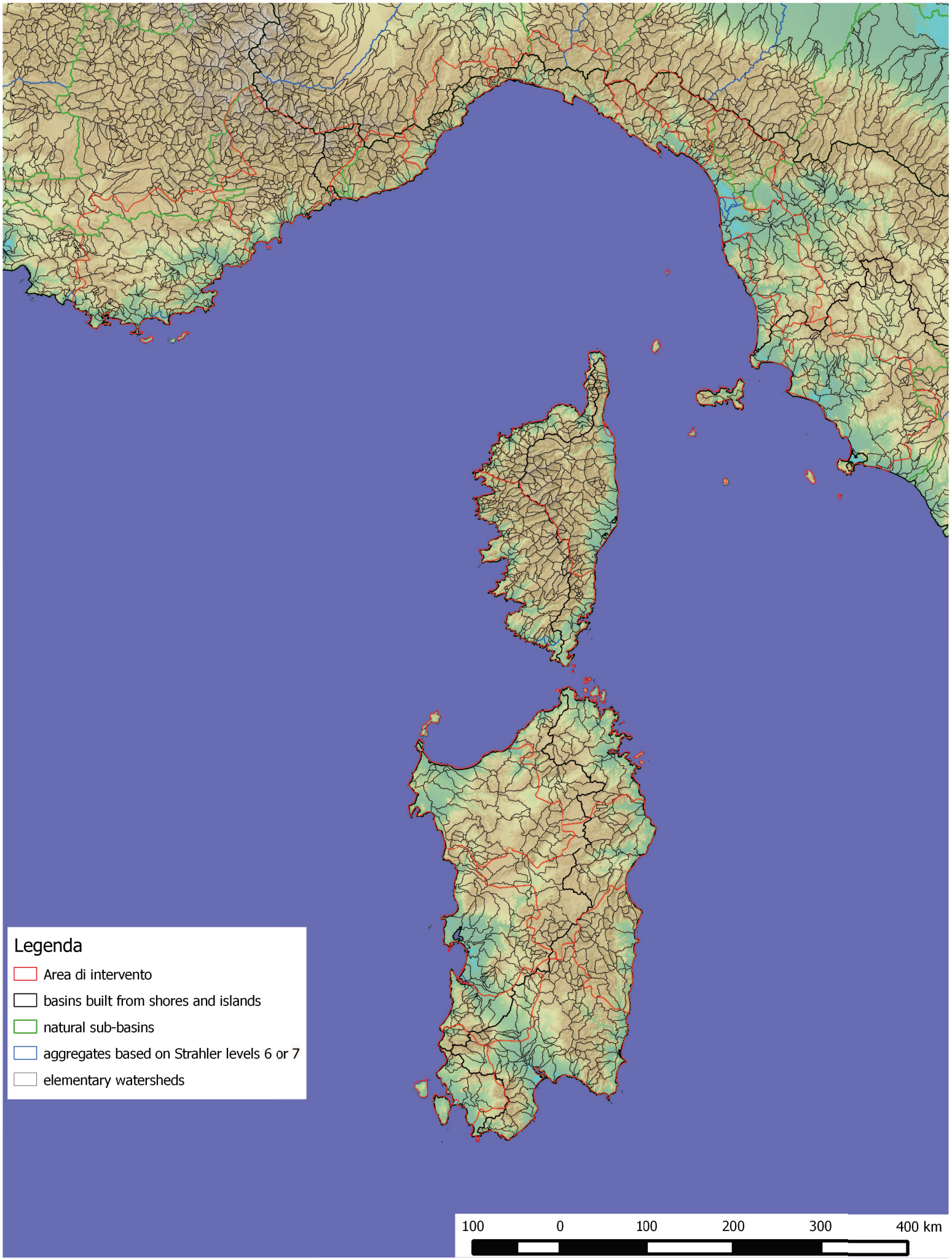
CO2 emissions from road transport



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Tavola: Emissioni in anidride carbonica (CO2) nell'area di studio (Fonte: European Pollutant Release and Transfer Register (E-PRTR) diffuse air emission datasets http://www.eea.europa.eu)



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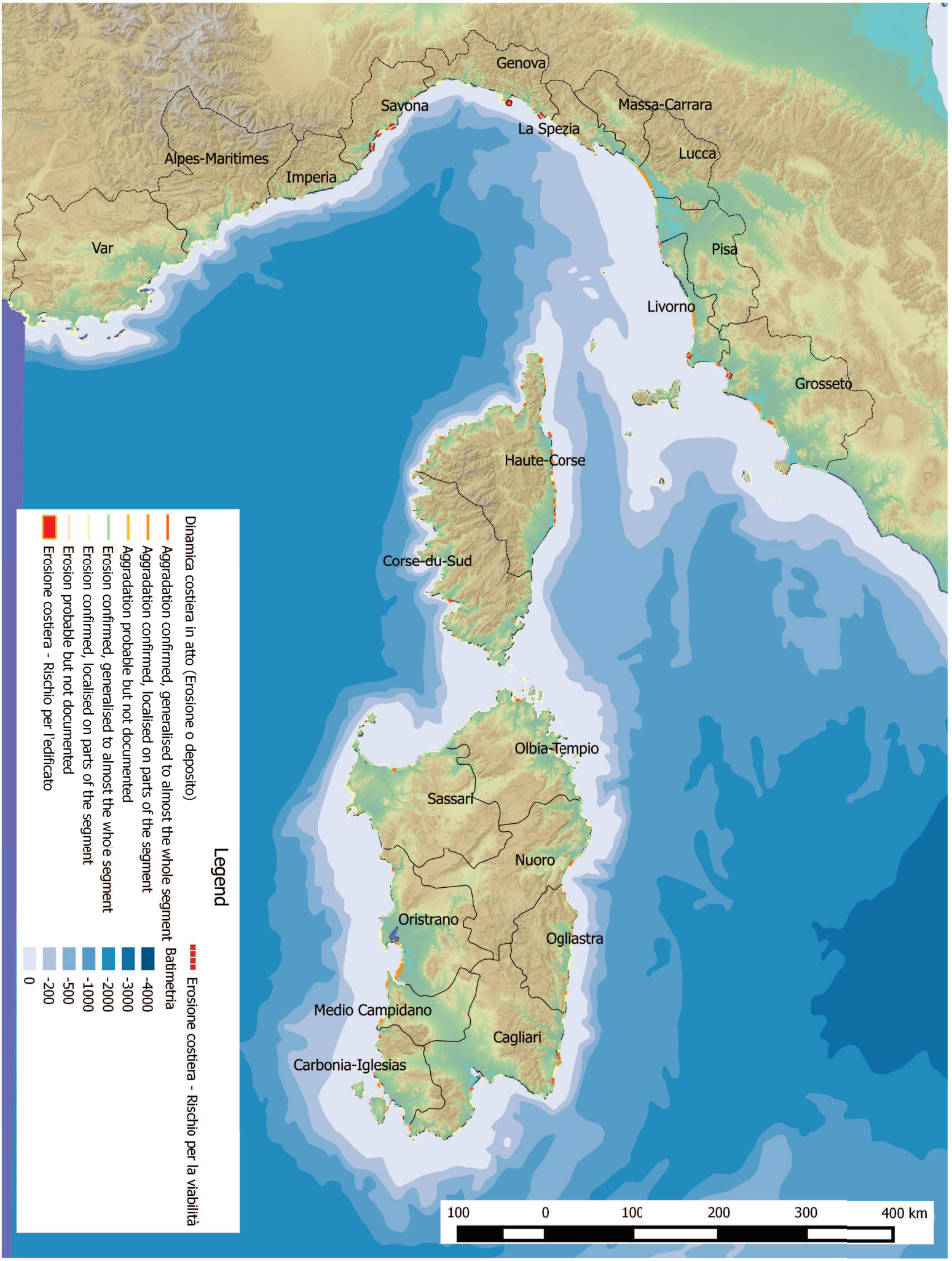
Tavola: Identificazione e delimitazione dei bacini idrografici (fonte: eaa.europe.eu - ECRINS v1.0: delivered data sets)

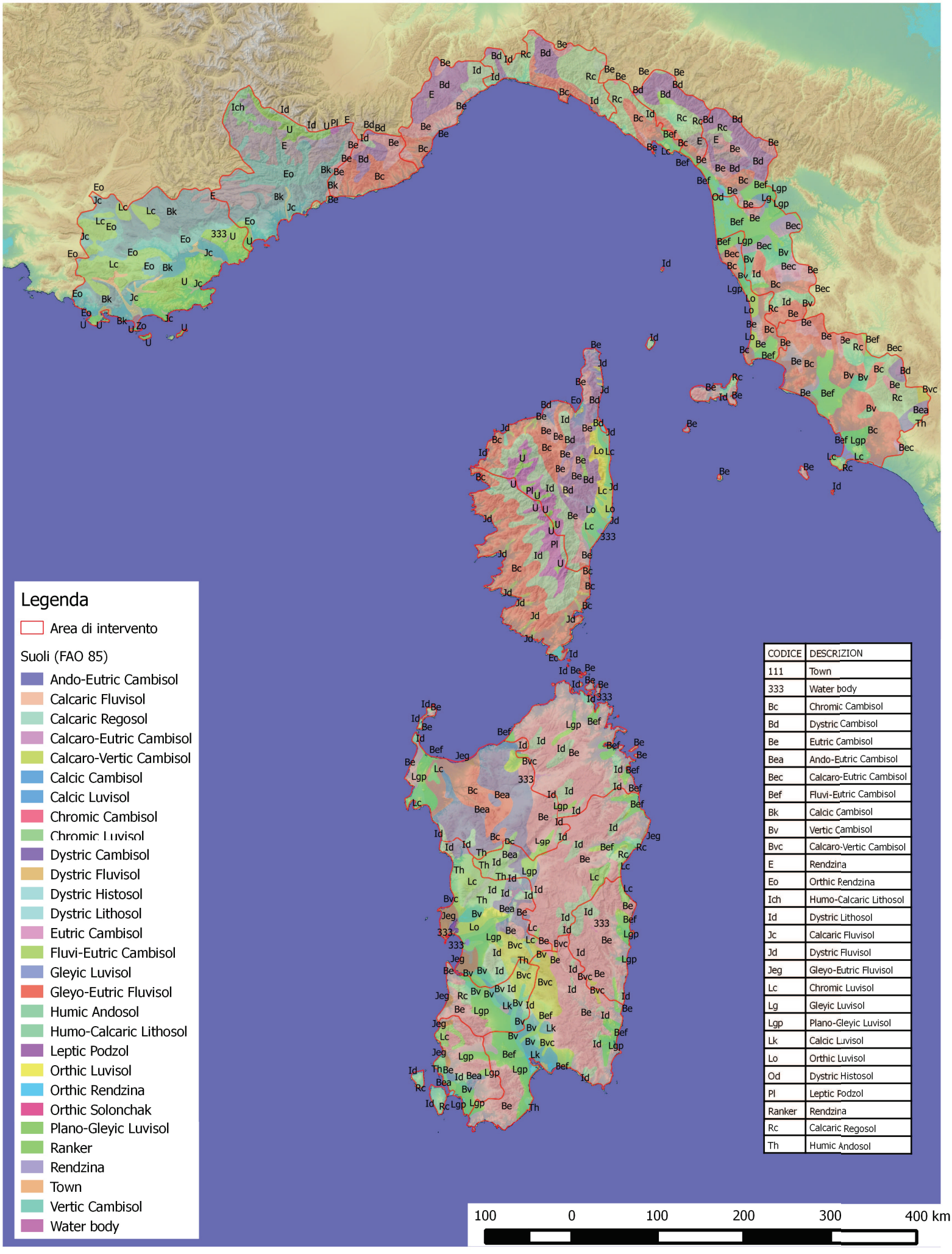


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Tavola: Idrografia superficiale (fonte: ECRINS v1.0: delivered data sets)


Genova
Savona
Massa-Carrara
La Spezia
Lucca
Alpes-Maritimes
Imperia
Var
Pisa
Livorno
Grosseto
Haute-Corse
Corse-du-Sud
Olbia-Tempio
Sassari
Nuoro
Oristrano
Ogliastra
Medio Campidano
Cagliari
Carbonia-Iglesias
Legend
Dinamica costiera in atto (Erosione o deposito)
Aggradation confirmed, generalised to almost the whole segment
Aggradation confirmed, localised on parts of the segment
Aggradation probable but not documented
Erosion confirmed, generalised to almost the whole segment
Erosion confirmed, localised on parts of the segment
Erosion probable but not documented
Erosione costiera - Rischio per l'edificato
Batimetria
0
-200
-500
-1000
-2000
-3000
-4000
Erosione costiera - Rischio per la viabilità
100 0 100 200 300 400 km

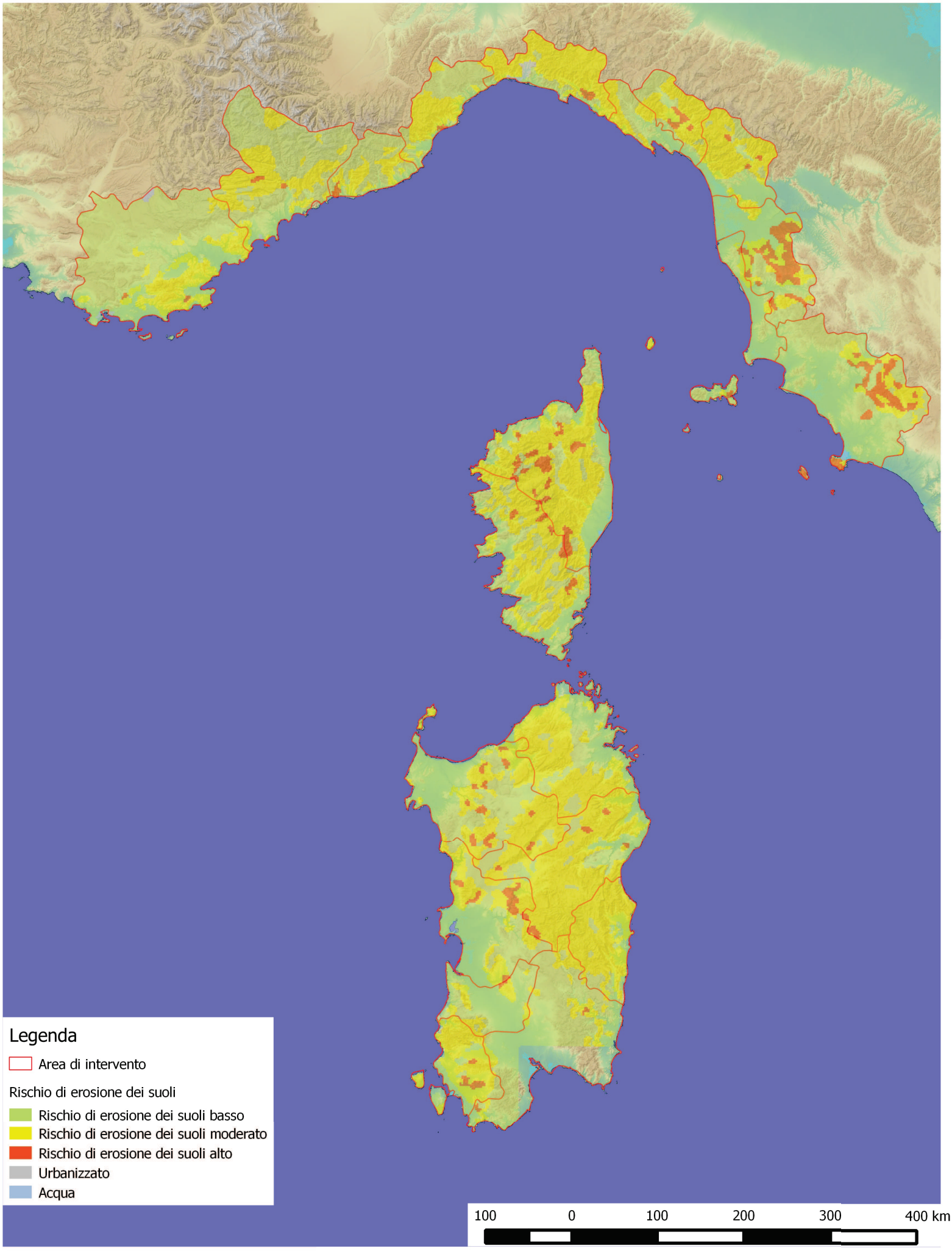


CODICE	DESCRIZION
111	Town
333	Water body
Bc	Chromic Cambisol
Bd	Dystric Cambisol
Be	Eutric Cambisol
Bea	Ando-Eutric Cambisol
Bec	Calcaro-Eutric Cambisol
Bef	Fluvi-Eutric Cambisol
Bk	Calcic Cambisol
Bv	Vertic Cambisol
Bvc	Calcaro-Vertic Cambisol
E	Rendzina
Eo	Orthic Rendzina
Ich	Humo-Calcaric Lithosol
Id	Dystric Lithosol
Jc	Calcaric Fluvisol
Jd	Dystric Fluvisol
Jeg	Gleyo-Eutric Fluvisol
Lc	Chromic Luvisol
Lg	Gleyic Luvisol
Lgp	Plano-Gleyic Luvisol
Lk	Calcic Luvisol
Lo	Orthic Luvisol
Od	Dystric Histosol
Pl	Leptic Podzol
Ranker	Rendzina
Rc	Calcaric Regosol
Th	Humic Andosol

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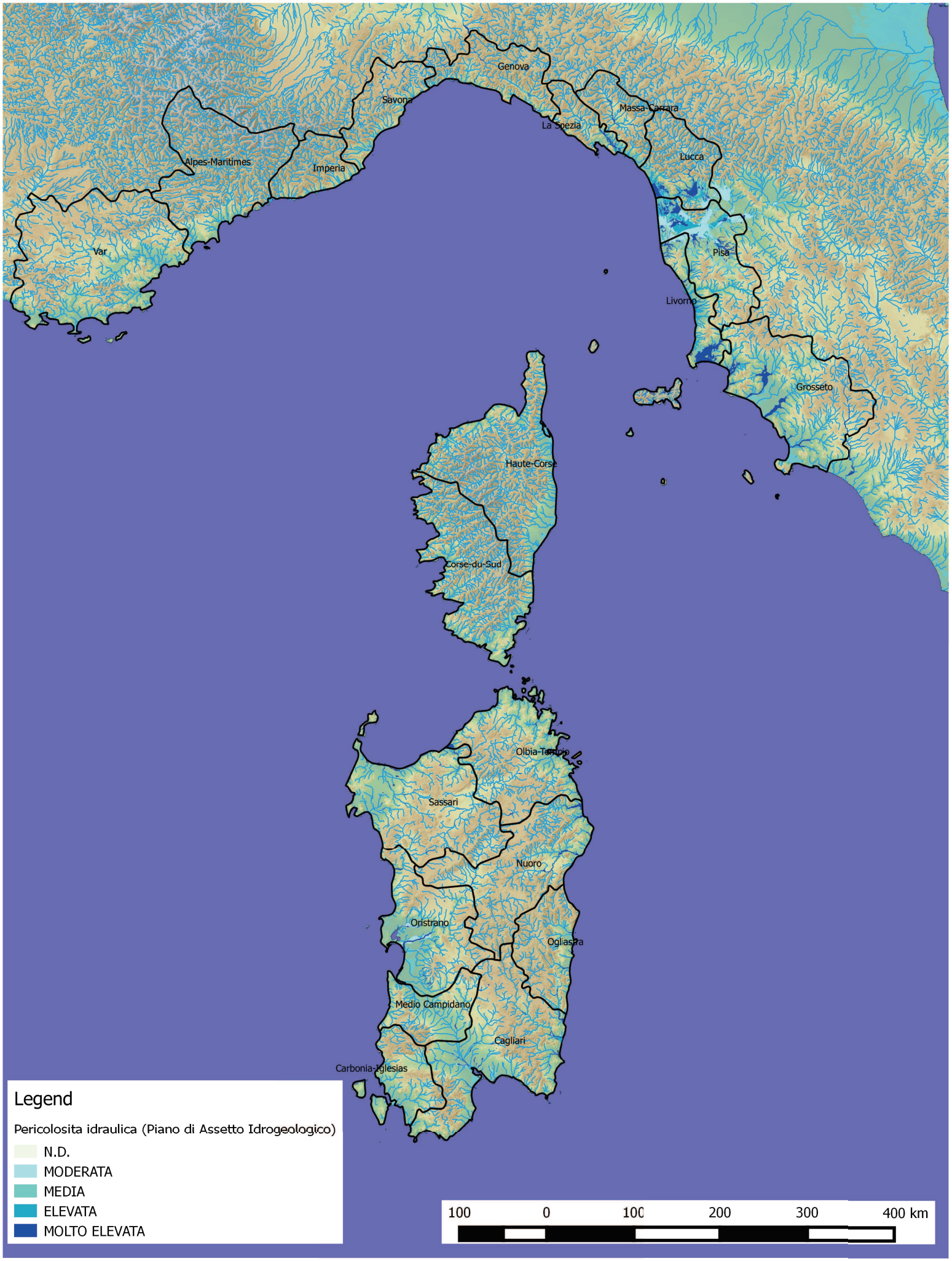
Tavola: Cartografia dei suoli (fonte: euroils.jrc.ec.europa.eu)



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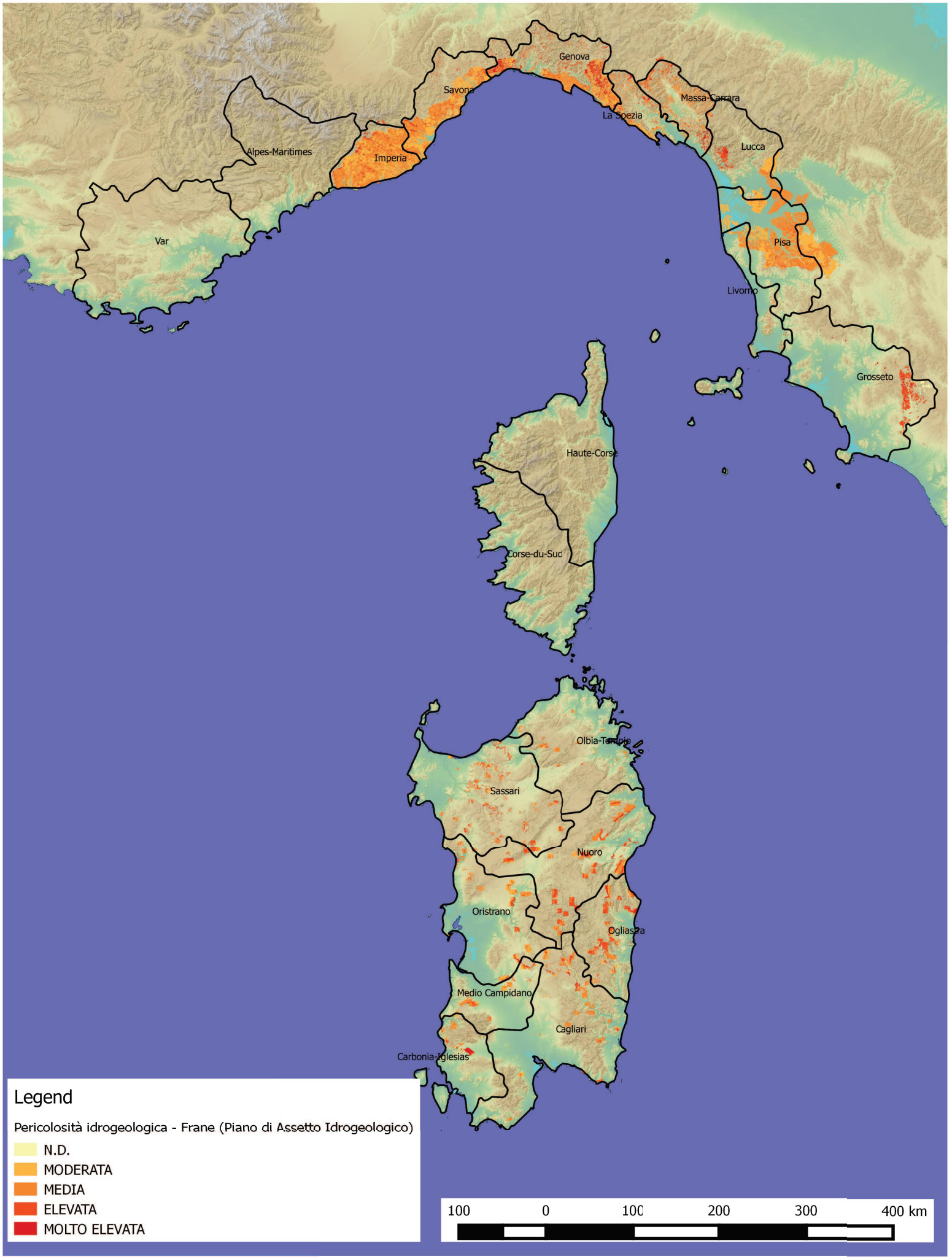
Tavola: Rischio di erosione dei suoli (fonte: eea.aurope.eu)



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Tavola: pericolosità idraulica - Esondazioni
(fonte: servizi WFS http://www.pcn.minambiente.it)
Area geografica di analisi: Italia

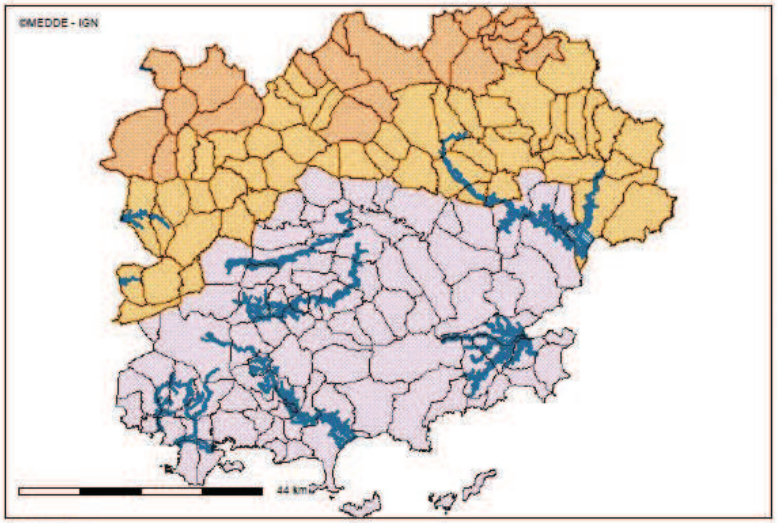


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Tavola: pericolosità idrogeologica - Frane
(fonte: servizi WFS http://www.pcn.minambiente.it)
Area geografica di analisi: Italia

Cartographie des risques en Var



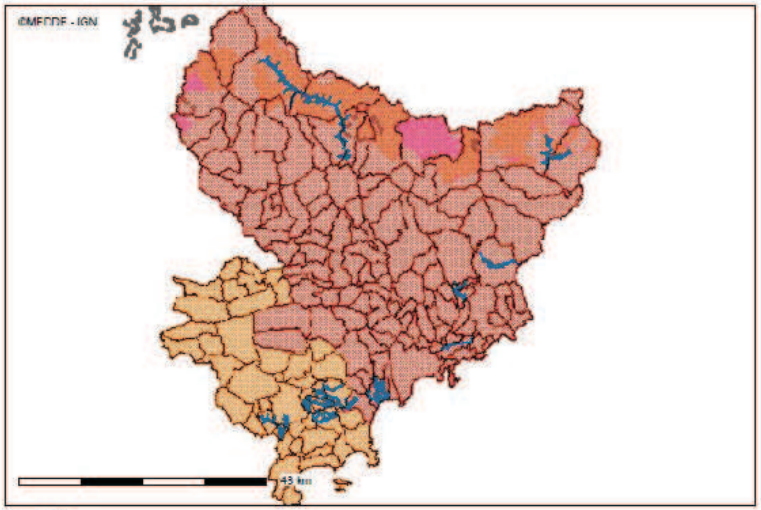
Date d'impression : 23-02-2014

Communes
Inondation - Couche de synthèse
Zone de sismicité
1A : Très faible mais non négligeable
1B : Faible
2 : Moyenne
Aléa sismique de 2005
Faible
Modéré
Moyen

Description :
Cartographie des risques en Var - Information Acquéreurs Locataires - Source : http://cartorisque.prim.net

Les documents officiels et opposables aux tiers peuvent être consultés à la mairie ou à la préfecture.

Cartographie des risques en Alpes-Maritimes



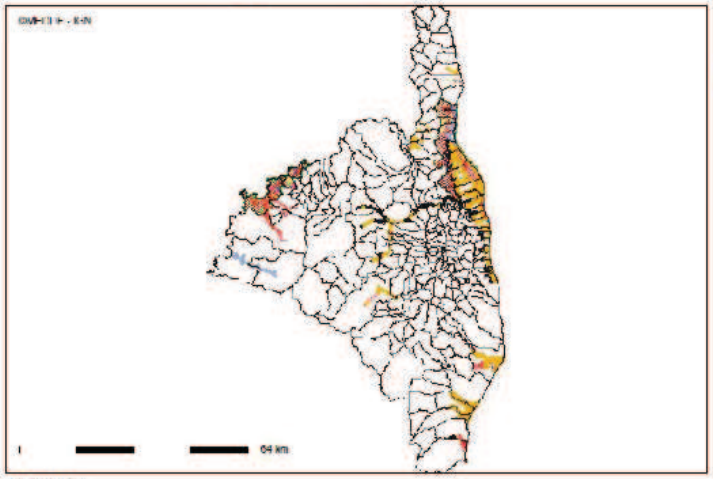
Date d'impression : 23-02-2014

Communes
Aléa inondation - Couche de synthèse
Zone de sismicité
1A : Très faible mais non négligeable
1B : Faible
2 : Moyenne
Aléa sismique de 2005
Faible
Modéré
Moyen

Description :
Cartographie des risques en Alpes-Maritimes - Information Acquéreurs Locataires - Source : http://cartorisque.prim.net

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Cartographie des risques en Haute-Corse



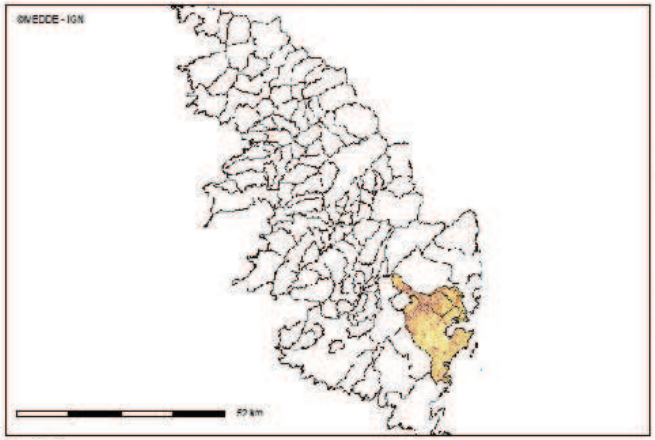
Date d'impression : 23-02-2014

Communes
PPR prescrit - Inondation
PPR inondation - Haute-Corse - Locale
PPR inondation - Haute-Corse - Aléa torrentiel
PPR inondation - Haute-Corse - Aléa débordement
Aléa très fort
Aléa fort
Aléa modéré
Partie urbanisée
PPR inondation - Haute-Corse - Aléa marin
Aléa très fort
Aléa fort
Aléa modéré
PPR inondation - Haute-Corse - Hauteur d'eau
Hauteur d'eau de plus de 1,5 m
Hauteur d'eau de 0,5 m à 1 m
Hauteur d'eau de 0,5 m à 1 m
Hauteur d'eau de 0 à 0,5 m
Champs d'expansion des crues
Champs possible d'extension des crues

Description :
Cartographie des risques en Haute Corse - Information Acquéreurs Locataires - Source : http://cartorisque.prim.net

Les documents officiels et opposables aux tiers peuvent être consultés à la mairie ou à la préfecture.

Cartographie des risques en Corse-du-Sud



Date d'impression : 23-02-2014

Communes
PPR feux de forêt - Aléa
Aléa fort
Aléa moyen fort
Aléa moyen faible
Aléa très faible
PPR feux de forêt - Feux - Zonage réglementaire
R - Aléa fort
E1 - Aléa moyen espace naturel
E1B - Aléa moyen espace naturel à l'intérieur urbanisé
E2 - Aléa moyen espace urbanisé en dehors des secteurs d'enjeux
E2R - Aléa moyen, en dehors d'infrastructures linéaires en continuité de l'habitat
BLU - Aléa faible
PPR feux de forêt - Feux Vésubie - Aléa
Aléa fort
Aléa moyen fort
Aléa moyen faible
Aléa très faible
PPR feux de forêt - Sans données d'enjeux - Aléa
Aléa fort
Aléa moyen fort
Aléa moyen faible
Aléa très faible

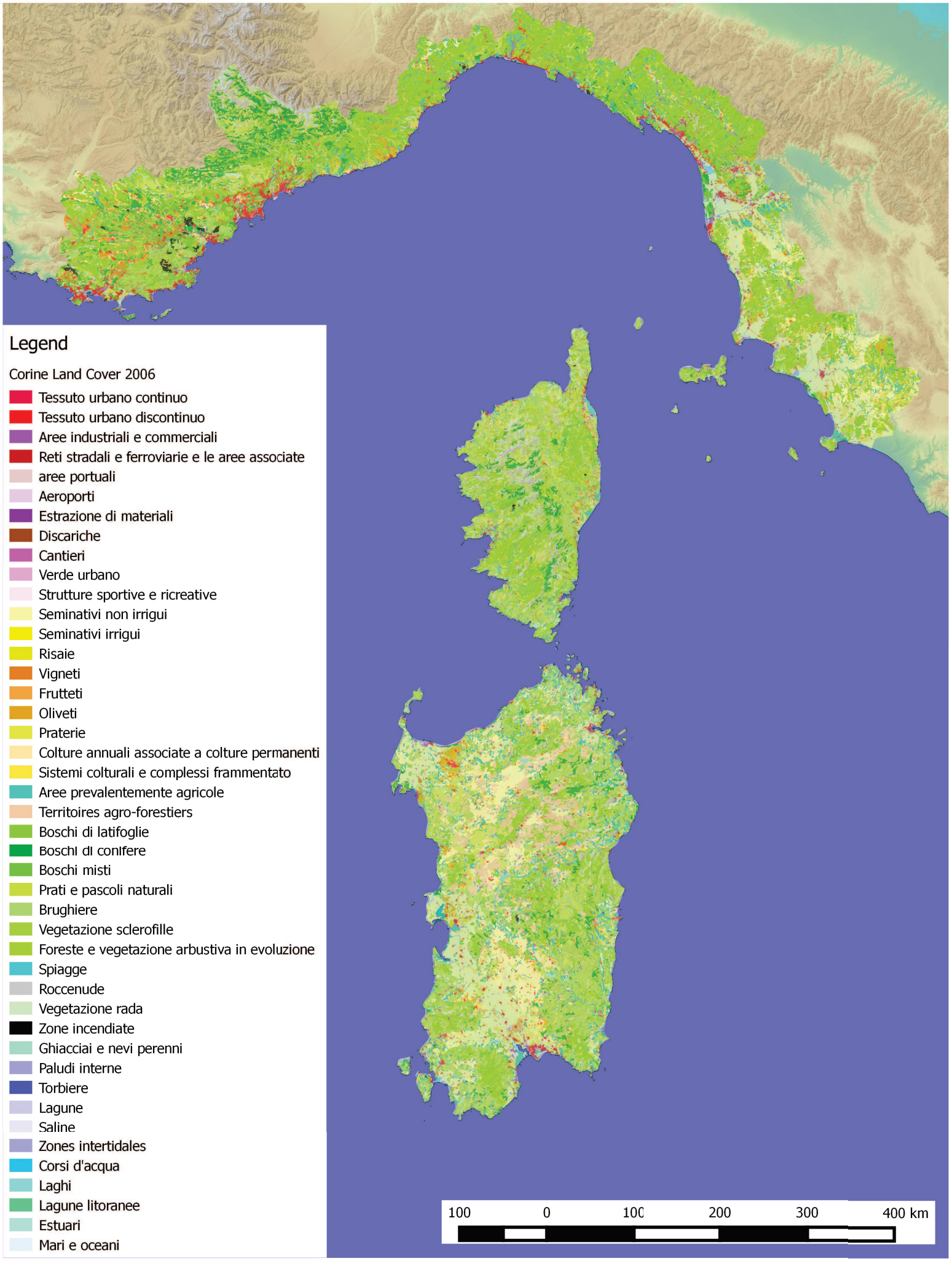
Description :
Cartographie des risques en Corse-du-Sud - Information Acquéreurs Locataires - Source : http://cartorisque.prim.net

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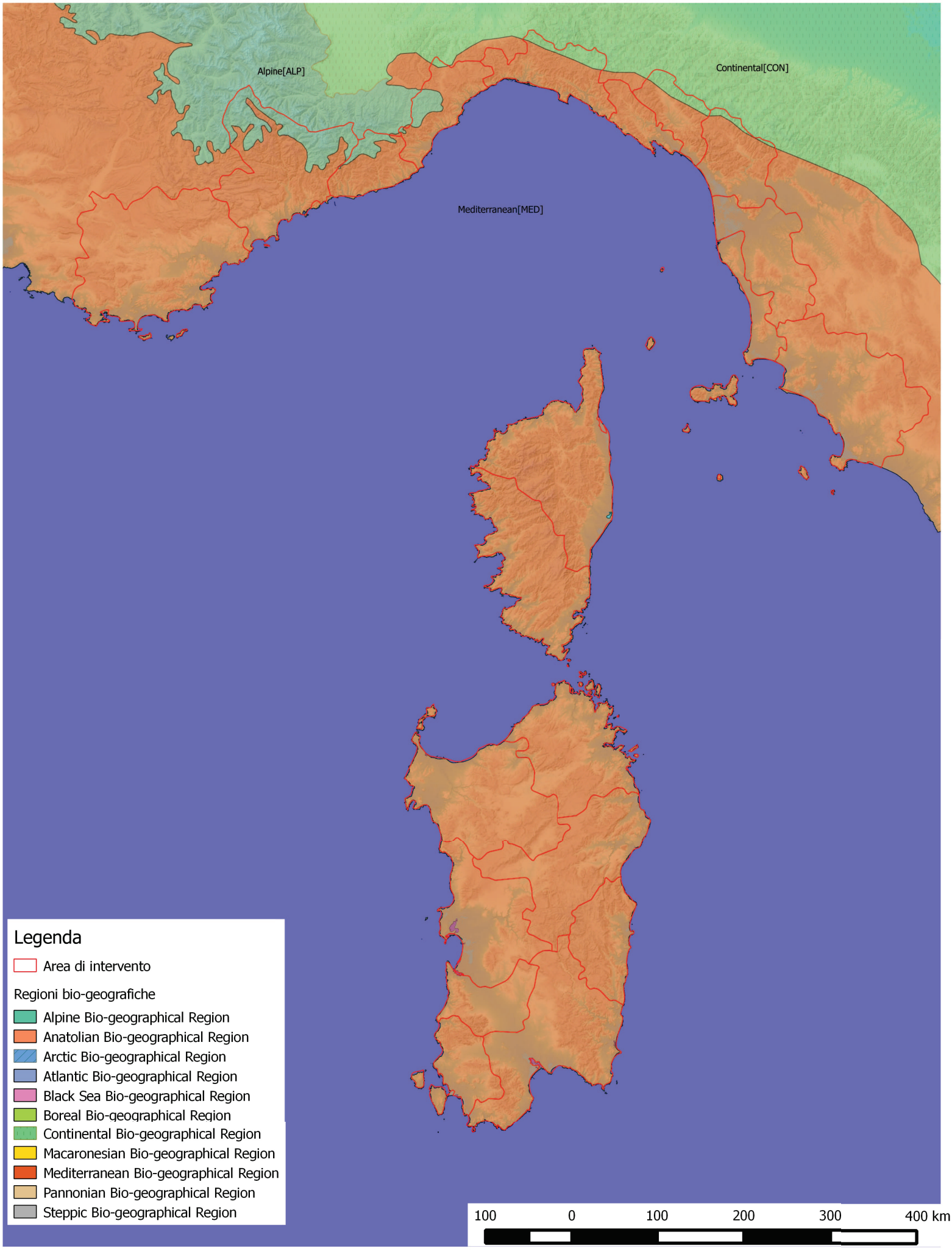
Cartografie di rischio idraulico e idrogeologico dei territori francesi compresi nel piano
Area geografica di analisi: Francia



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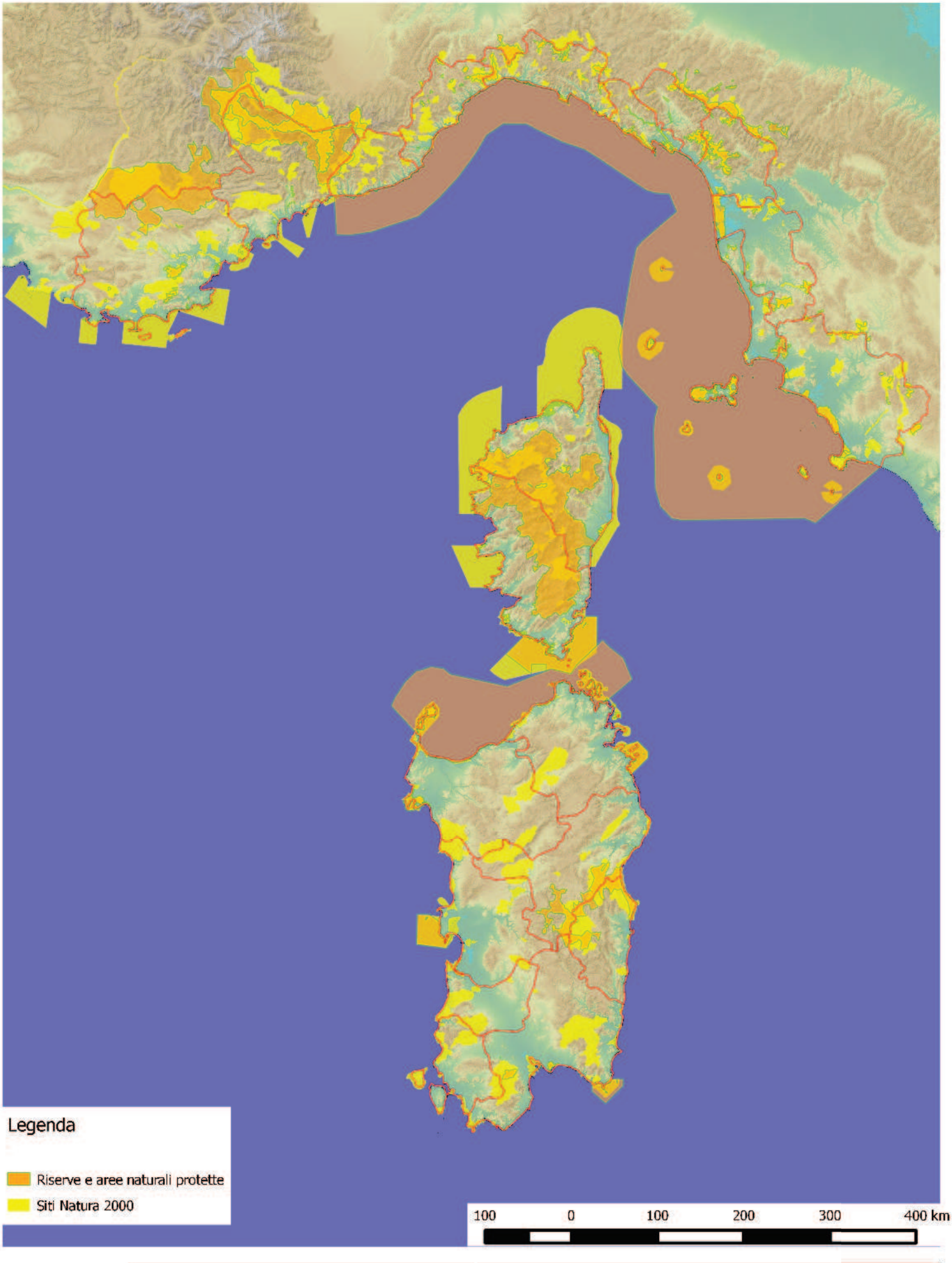
Tavola: Uso del suclo (Fonte: Programma Corine Land Cover 2006 http://www.eea.europa.eu)



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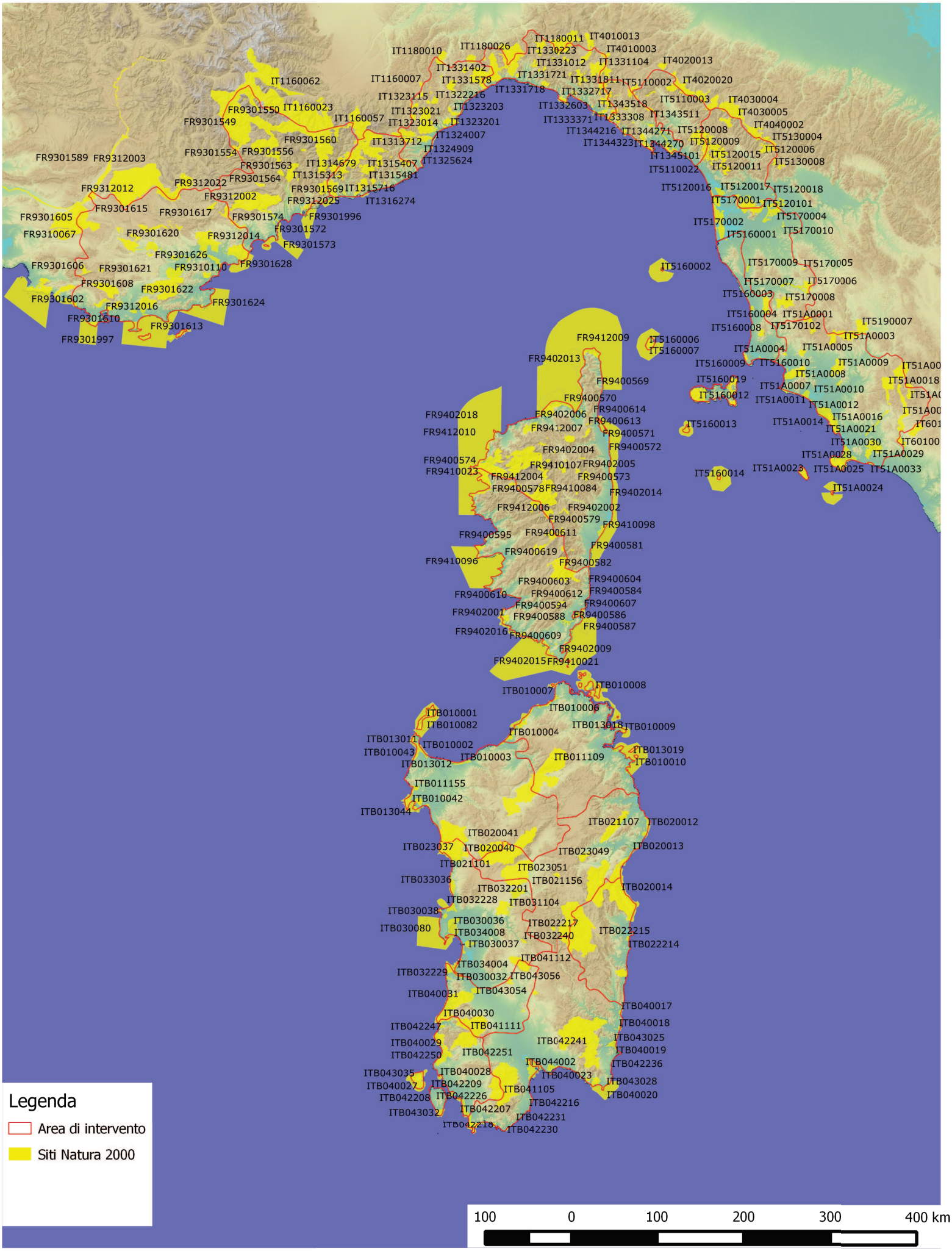
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Tavola: Delimitazione delle regioni bio-geografiche (fonte: eea.aurope.eu)



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Tavola: Siti Natura 2000, riserve e aree naturali protette (fonte: eea.aurope.eu)



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Tavola:Siti Natura 2000 (fonte: eea.europe.eu)