



Food and Agriculture Organization
of the United Nations

WORLD SOIL DAY

2017

IL CONSUMO DI
SUOLO IN
PUGLIA FRA
DINAMICHE E
POLITICHE
TERRITORIALI

Dipartimento di Scienze dell'Ingegneria Civile e dell'Architettura

Politecnico di Bari
Aula Magna Dicar
5 DICEMBRE 2017



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World Soil Day

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Event title: WORLD SOIL DAY 2017: IL CONSUMO DI SUOLO IN PUGLIA FRA DINAMICHE E POLITICHE TERRITORIALI
Organizer: Politecnico di Bari (Polytechnic University of Bari), Dipartimento di Scienze dell'Ingegneria Civile e dell'Architettura (DICAR), MITO-Lab (www.labmito.com)
Date: 5 December 17 - 5 December 17
Location: Politecnico di Bari, Dipartimento di Scienze dell'Ingegneria Civile e dell'Architettura - Via E. Orabona, 4, 70125 BARI
Website: <http://www.poliba.it>
Contact person: Alessandro Bonifazi, Carmelo M. Torre

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*Inclusion in the WSD events map does not represent an endorsement from the United Nations for an organization or initiative.



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GLOBAL SOIL
PARTNERSHIP

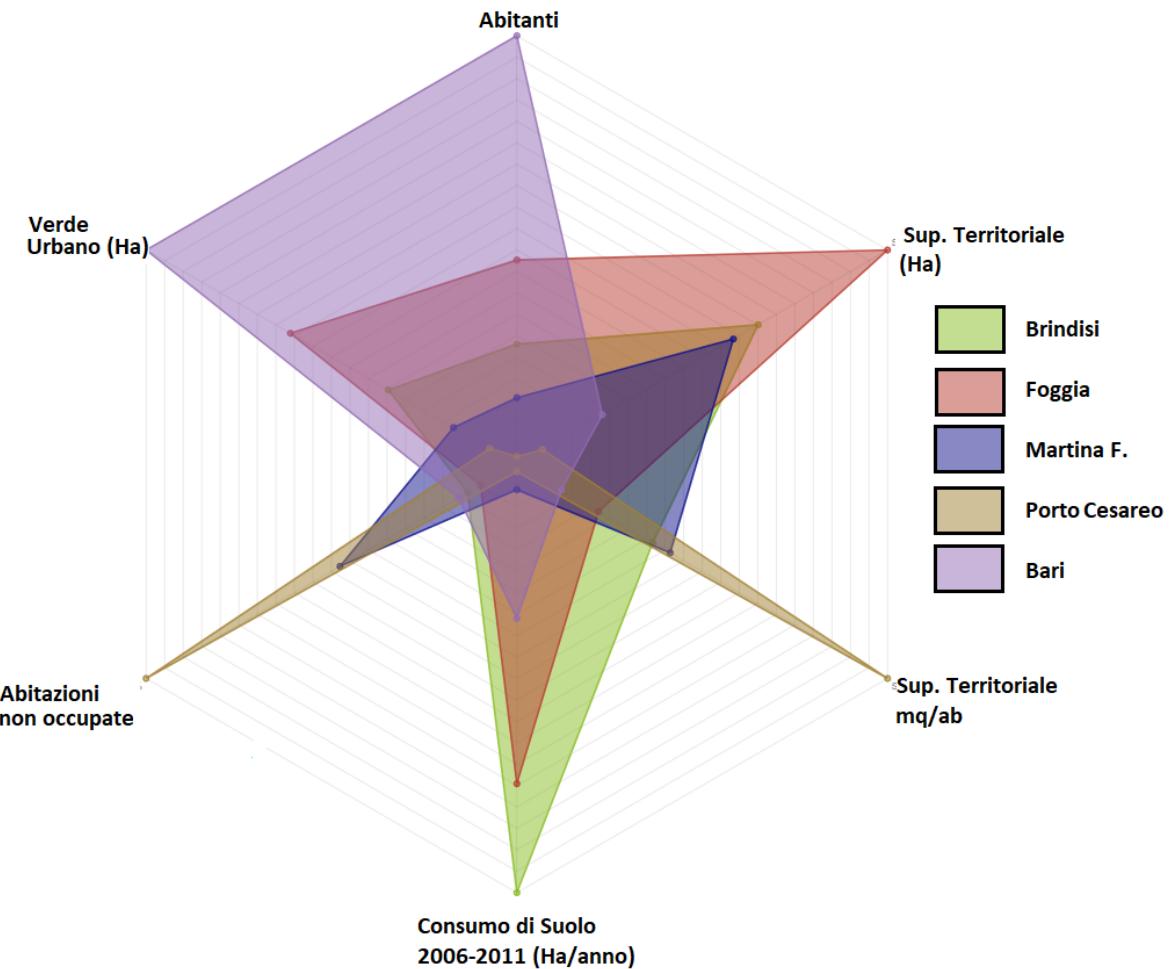


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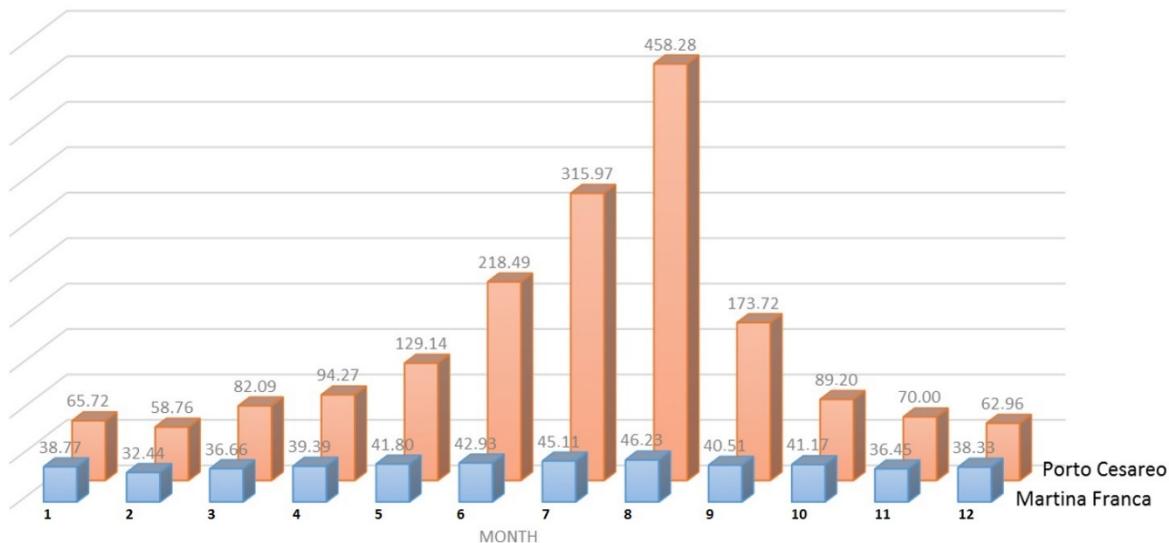


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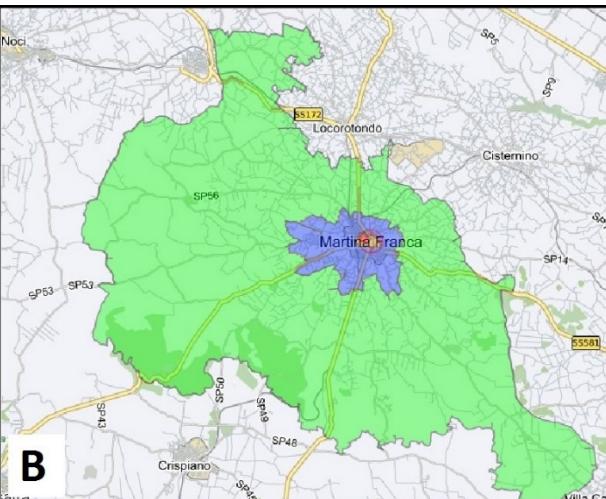
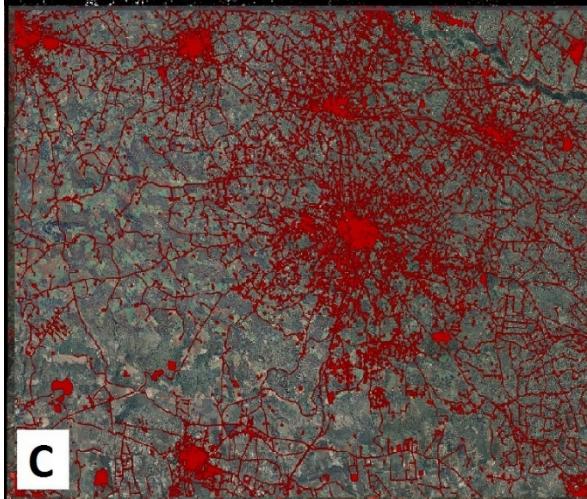
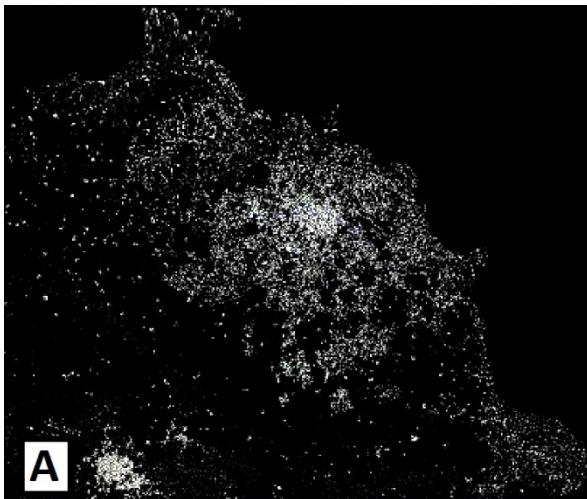
Indicatori di uso temporaneo
Produzione Mensile Rifiuti Pro Capite
Raffronto Martina Franca (Valle d'Itria)
Porto Cesareo (Costa Jonica)



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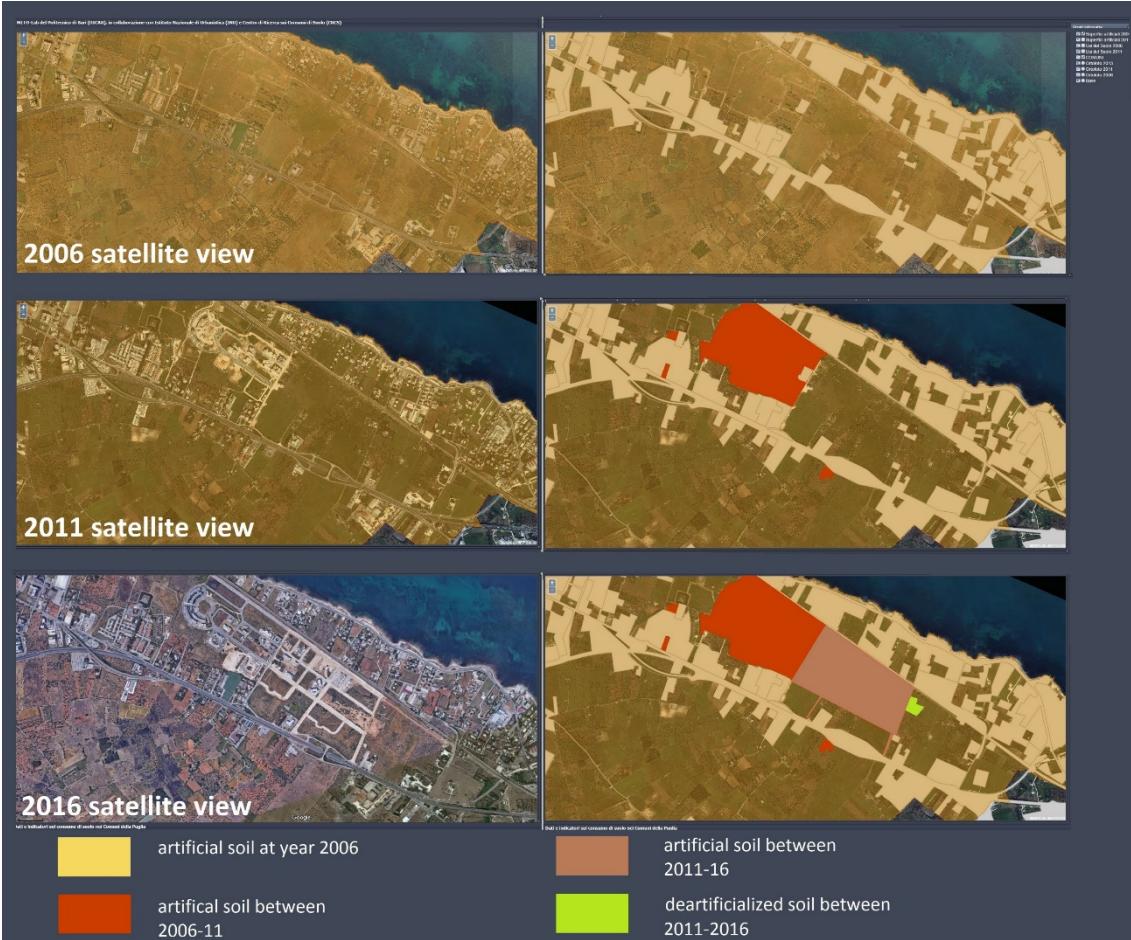


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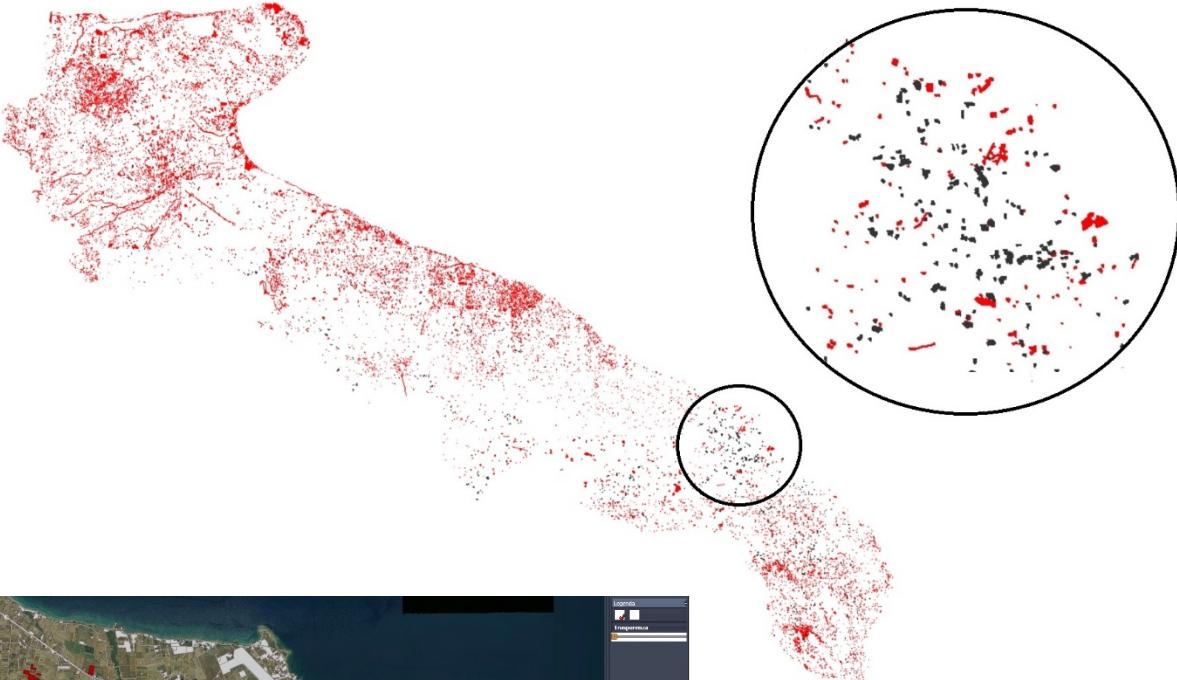


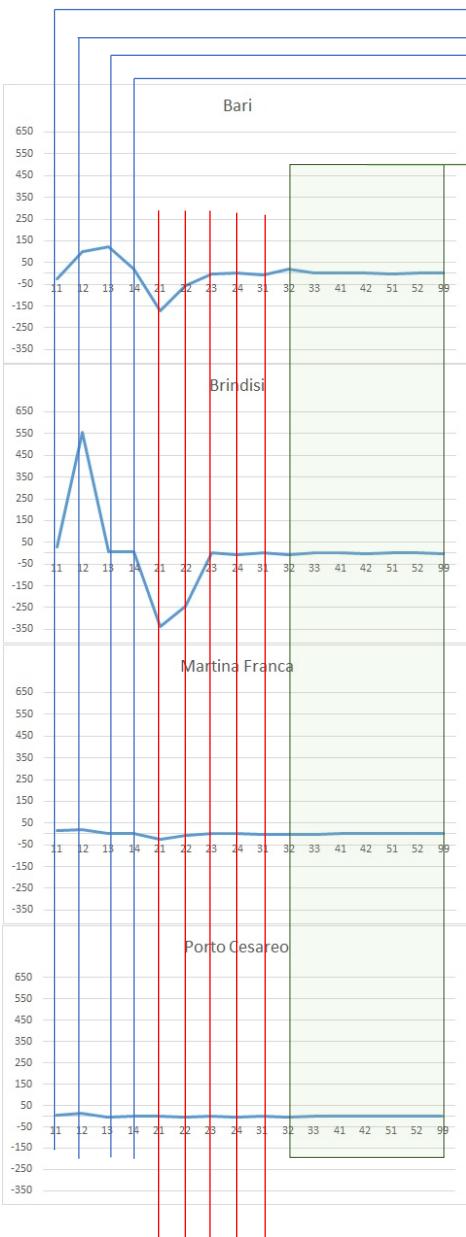
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Usi Res.

Att. Prod
Energia

Terziario
comm.

Altro
Artificiale

Naturale

Variazioni usi del suolo

2006-2011

(Bari-Brindisi-Martina F. Porto Cesareo)

CORINE Land Cover 2000

- 1.1. Zone urbanizzate di tipo residenziale
- 1.2. Zone industriali, commerciali ed infrastrutturali
- 1.3. Zone estrattive, cantieri, discariche e terreni artefatti e abbandonati
- 1.4. Zone verdi artificiali non agricole
- 2.1. Seminativi
- 2.2. Colture permanenti
- 2.3. Prati stabili (foraggere permanenti)
- 2.4. Zone agricole eterogenee
- 3.1. Zone boscate
- 3.2. Zone caratterizzate da vegetazione arbustiva e/o erbacea
- 3.2.4. Aree a vegetazione boschiva ed arbustiva in evoluzione
- 3.3. Zone aperte con vegetazione rada o assente
- 4.1. Zone umide interne
- 4.2. Zone umide marittime
- 5.1. Acque continentali
- 5.2. Acque marittime

Agricolo

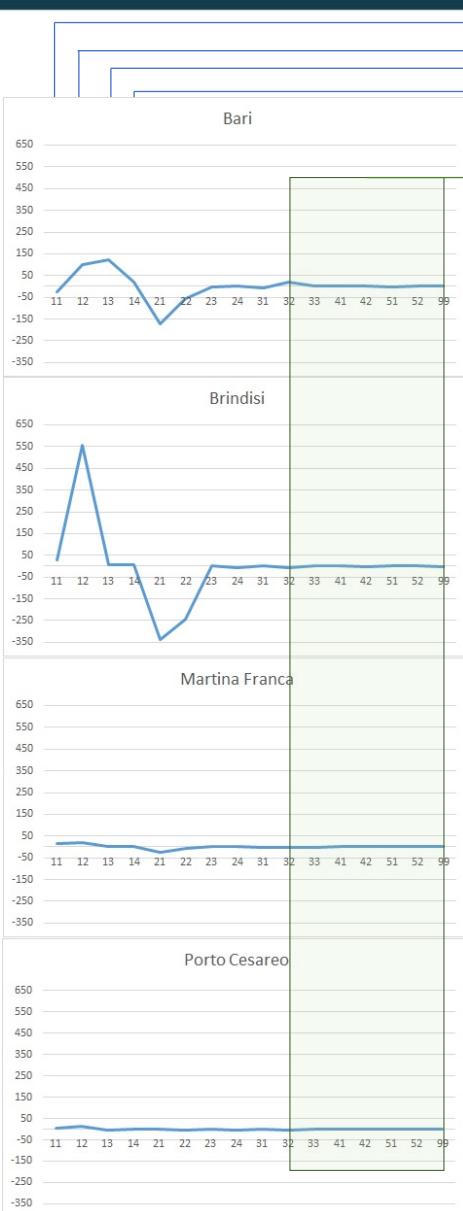


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2011

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Altro
Artificiale
Terziario
comm.
Att. Prod
Energia
Usi Res.

Naturale

Variazioni usi del suolo 2006-2011

(Bari-Brindisi-Martina F. Porto Cesareo)

Land Efficiency Index

	Bari	Porto Cesareo	Brindisi	Martina Franca
Absolute increase of land value	€72.246.511	€5.353.018	€307.331.602	€13.109.533
Land value increase per hectar	€212.053	€235.711	€489.701.24	€345.533
Land value increase per inhabitant	€225,44	€943,26	€3423,16	€263,35

Agricolo

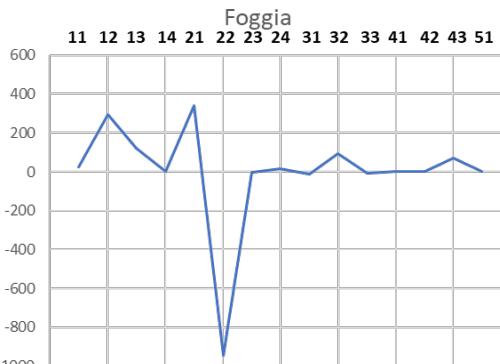
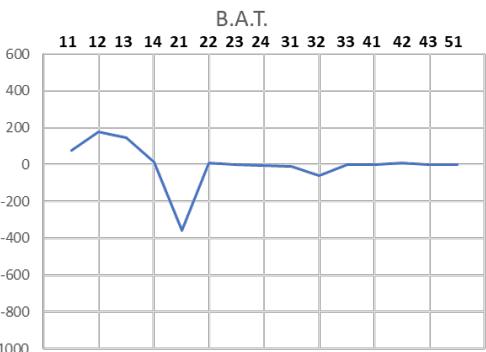
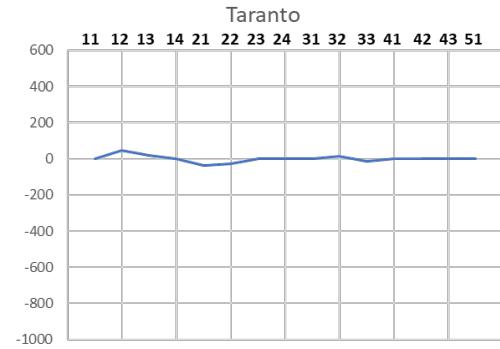
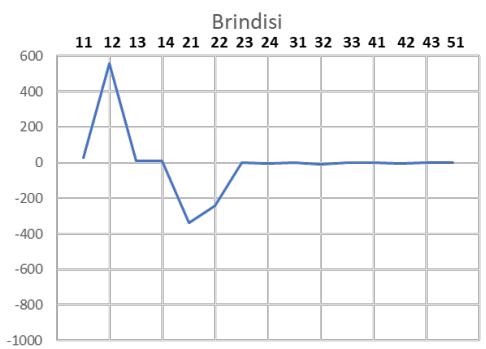
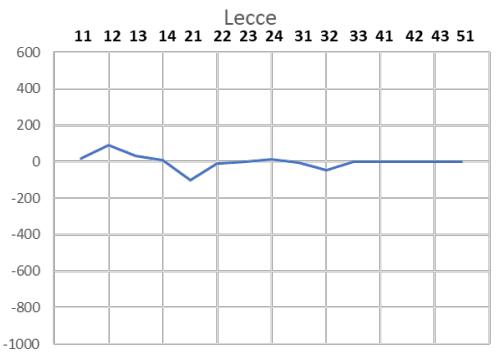
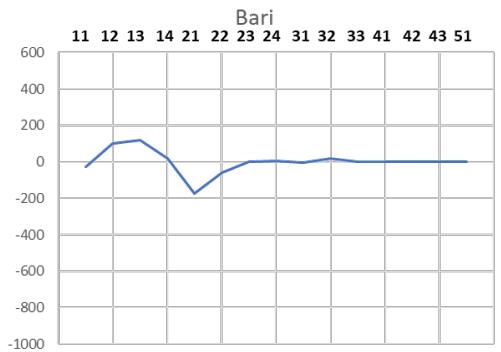


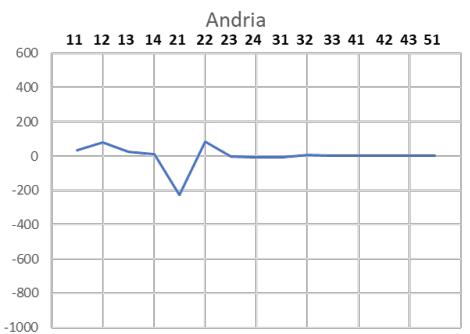
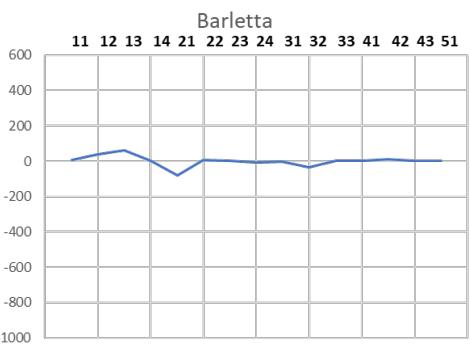
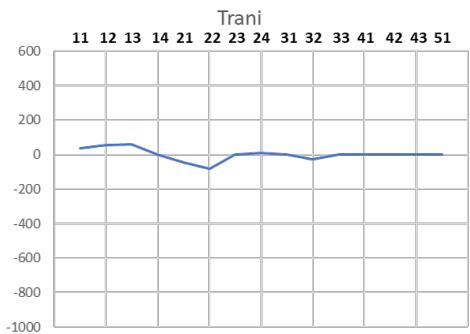
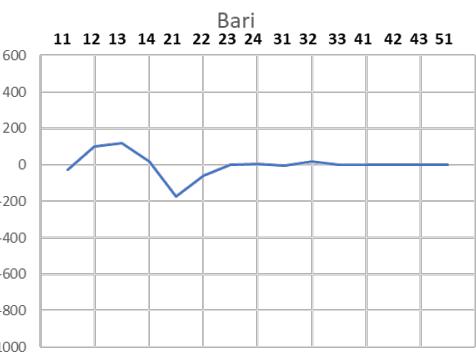
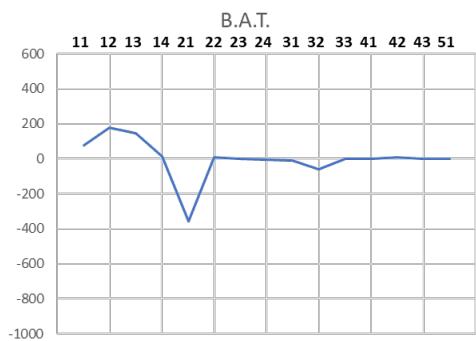
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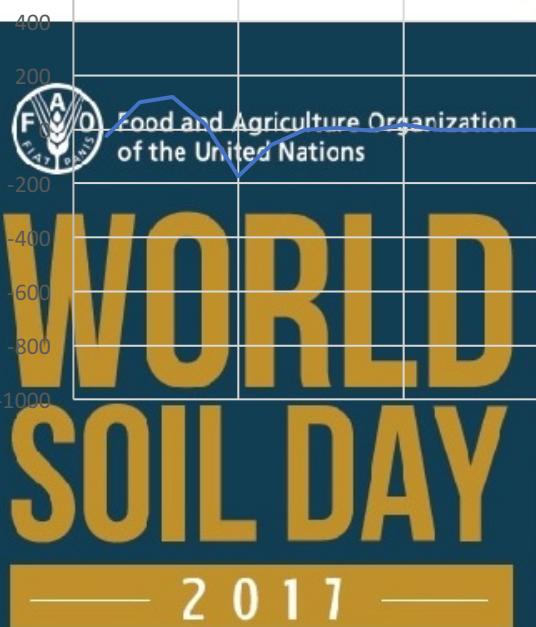
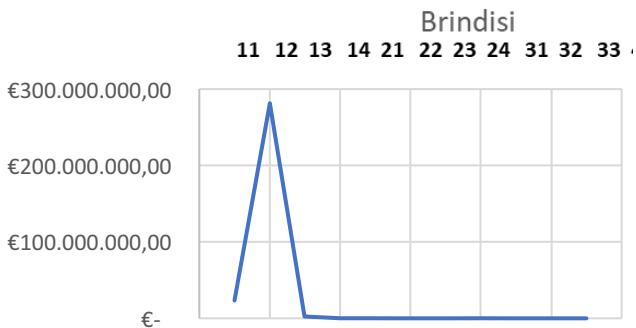
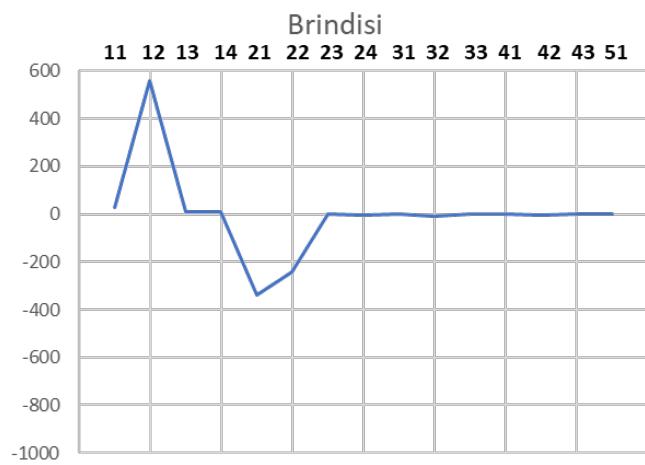
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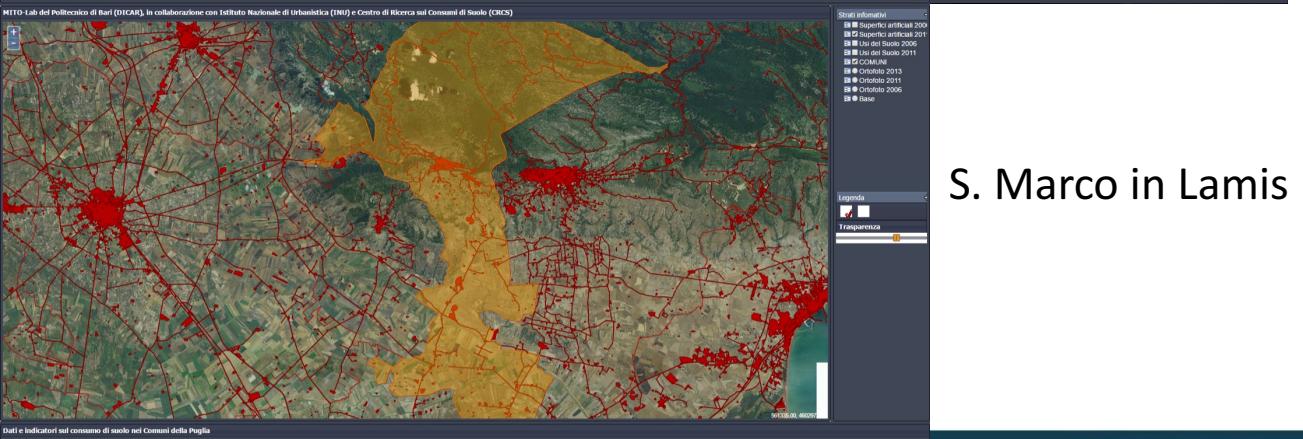
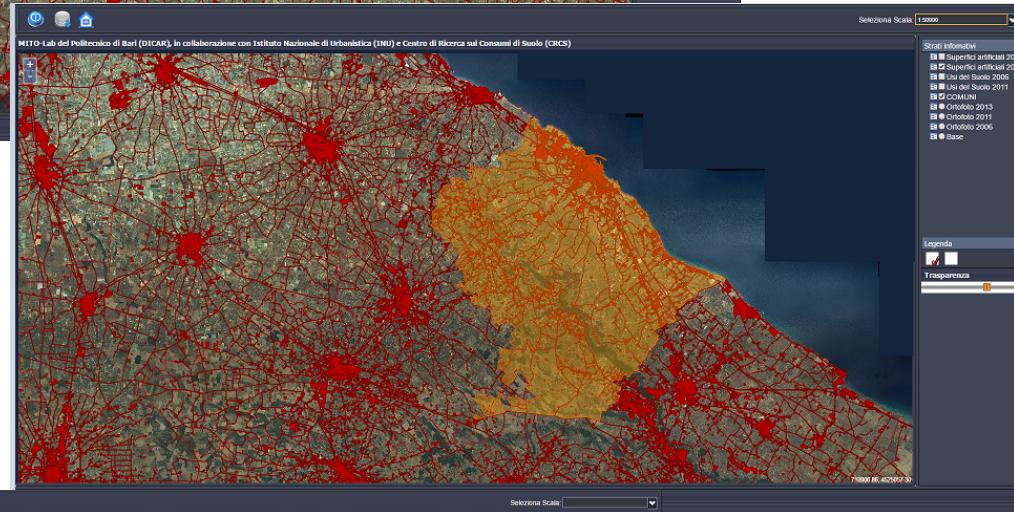
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— 2011 —

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Basic Indicators (source: GUP)		San Marco in Lamis	Monopoli	Adelfia
A	Inhabitants (Units)	A	13725	49133
B	Surface Area (km ²)	B	234.20	157.89
C	Surface Area (Hect)	C	23420	15789
D	Productive Areas (Hect)	D	44	162
E	Man Power (Units)	E	1780	7847
F	Productive Areas (Hect/inhab)	D/A	0.0032	0.0033
G	Overall Productive Areas Hect/Hect	D/B	0.0019	0.0103
H	Residential Areas (Hect)	H	178	1500
	Residential Rooms			
I	Demand (1 room = 0.8 inhabitants = 30 m ² of surface)	I	4000	14676
L	Residential areas per capita (Hect/inhab)	H/A	0.0130	0.0305
Basic Indicators (source: RLUM)		San Marco in Lamis	Monopoli	Adelfia
M	Woody/natural surfaces (Hect)	M	14772.25	8186.4900
N	Artificial surfaces (Hect)	N	521.41	1873.8800
Derived Indicators		San Marco in Lamis	Monopoli	Adelfia
O	CAU-Current Artificial Use Index (Hect/inhab)	N/A	0.0380	0.0381
P	PAS-Potential Artificial Surfaces (Hect)	C-(M+N)	8126.34	5728.6300
Q	VAU-Virtual Artificial Use Index (Hect/inhab)	P/A	0.5921	0.1166
R	PAU-Post-plan Artificial Use Index (Hect/inhab)	P/ [A+(0.8×I)]	0.4801	0.0898
S	AHPV-Average Housing Property Value (€/m ²)	S	1050	1600
T	YIC-Yearly Income per Capita (€/inhab)	T	14102	14533
				14763



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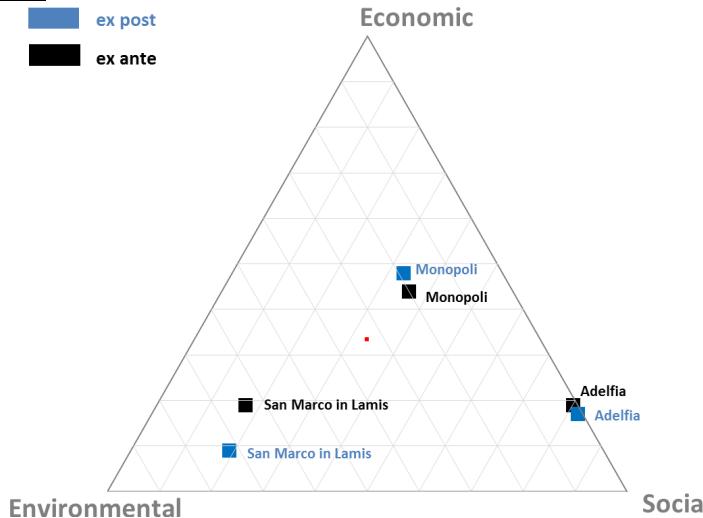
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■ ex post
■ ex ante

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95% of food is produced
on our soils.

5th December, World Soil Day

The Global Soil Partnership is dedicating World Soil Day 2017 to the theme "Caring for the Planet starts from the Ground". Soil is a finite natural resource. On a human time-scale it is non-renewable. However, despite the essential role that soil plays in human livelihoods, there is a worldwide increase in degradation of soil resources due to inappropriate management practices, population pressure driving unsustainable intensification and inadequate governance over this essential resource.

Caring for the Planet starts from the Ground

 GLOBAL SOIL PARTNERSHIP



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