

Giovedì 17 dicembre ore 17,30
 in diretta streaming su YouTube
 e su Facebook @ParcoNordMilano

Presentazione del libro

**Parco Nord Milano,
 l'anima verde della metropoli.
 Storia di una sfida vinta**

**Il Parco Nord Milano:
 una *lesson learnt* per il futuro
 dei parchi periurbani**

Davide Pettenella

TESAF Dipartimento Territorio
 e Sistemi Agro-Forestali

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**Classificazione dei Servizi Ecosistemici
 (MA, 2005)**

ECOSYSTEM SERVICES

Supporting ■ NUTRIENT CYCLING ■ SOIL FORMATION ■ PRIMARY PRODUCTION ■ ...	Provisioning ■ FOOD ■ FRESH WATER ■ WOOD AND FIBER ■ FUEL ■ ...
	Regulating ■ CLIMATE REGULATION ■ FLOOD REGULATION ■ DISEASE REGULATION ■ WATER PURIFICATION ■ ...
	Cultural ■ AESTHETIC ■ SPIRITUAL ■ EDUCATIONAL ■ RECREATIONAL ■ ...

LIFE ON EARTH - BIODIVERSITY

Prodotti ← «Food forest»
 Fornitura di acqua

Mitigazione CC
 Protezione biodiversità
 Regolazione ciclo
 dell'acqua, ...

Salute, educazione, sport,
 ricreazione, cultura,
 inclusione sociale, ...

Quanto valgono questi servizi?


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Ecosystem Services 1 (2012) 50–61

Contents lists available at SciVerse ScienceDirect



Ecosystem Services

journal homepage: www.elsevier.com/locate/ecoser




Global estimates of the value of ecosystems and their services in monetary units


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^m Institute for European Environmental Policy (IEEP), Quai au Foin 55/Hoofkaai 55, 1000 Brussels, Belgium.

Source: <https://www.sciencedirect.com/science/article/pii/S092180091631309X>



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	Marine	Coral reefs	Coastal systems	Coastal wetlands ^a	Inland wetlands	Fresh water (rivers/lakes)	Tropical forest	Temperate forest	Woodlands	Grasslands
Provisioning services	02	55,724	2396	2998	1659	1914	1828	671	253	1305
1 Food	93	677	2384	1111	614	106	200	299	52	1192
2 Water				1217	408	1808	27	191		60
3 Raw materials	8	21,528	12	358	425		84	181	170	53
4 Genetic resources		33,048		10			13			
5 Medicinal resources				301	99		1504			1
6 Ornamental resources		472			114				32	
Regulating services	35	171,478	25,847	171,515	17,364	187	2529	491	51	159
7 Air quality regulation							12			
8 Climate regulation	65	1188	479	65	488		2044	152	7	40
9 Disturbance moderation		16,991		5351	2986		66			
10 Regulation of water flows					5606		342			
11 Waste treatment		85		162,125	3015	187	6	7		75
12 Erosion prevention		153,214	25,368	3929	2607		15	5	13	44
13 Nutrient cycling				45	1713		3	93		
14 Pollination							30		31	
15 Biological control					948		11	235		
Habitat services	5	16,210	375	17,138	2455	0	39	862	1277	1214
16 Nursery service	0	194		10,648	1287		16		1273	
17 Genetic diversity	5	16,210	180	6490	1168		23	862	3	1214
Cultural services	119	108,837	300	2193	4203	2166	867	990		193
18 Aesthetic information		11,390			1292					167
19 Recreation	319	96,302	256	2193	2211	2166	867	989	7	26
20 Inspiration	0				700					
21 Spiritual experience			21							
22 Cognitive development		1145	22					1		
Total economic value	491	352,249	28,917	193,845	25,682	4267	5264	3013	1588	2,871

Numbers in the cells are averages of the values found for a particular service and biome. Calculations are based on a total of 665 values. For details see Appendix 1.
^a Coastal systems include estuaries, continental shelf area and sea grass, but exclude wetlands like tidal marsh, mangroves and salt water wetlands.



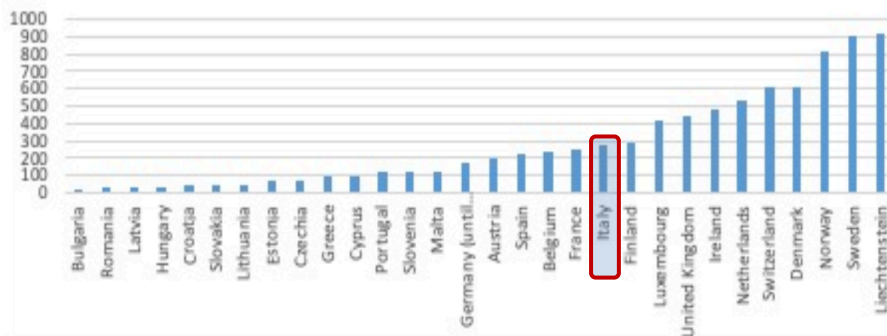
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Spesa pubblica media per trattamento ospedaliero in Europa (€/persona/giorno)



Fonte: <http://www.sossanita.org/archives/9862>

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Una profonda trasformazione dei SE In forma molto semplificata:

I Servizi

ecosistemici (CICES)

- *Provisioning* (fornitura)
- *Regulating* (regolazione)
- *Cultural* (socio-culturali)

Le istituzioni


- Il mercato
- Lo Stato
- La comunità

Gli strumenti

- I prezzi, l'economia di mercato
- Compensazioni, incentivi (PES); l'economia di mercato regolata
- Il *non-profit*, economia civile-economia sociale

... con interessanti sviluppi per gli aspetti di genere

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12 June 2020

العربية / español / français / русский

EM/2020/15

Notification: Call for contributions on indigenous and local knowledge

Dear IPBES members, observers and other interested stakeholders, and in particular indigenous peoples and local communities,

The Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES) is launching a "call for contributions on indigenous and local knowledge", to invite Indigenous peoples and local communities from all over the world to support the three ongoing IPBES assessments:

- The assessment of the sustainable use of wild species
- The assessment on diverse conceptualisations of multiple values of nature
- The assessment of invasive alien species

link: <https://ipbes.net/ilk-global-survey>

The deadline for the call is: 10 July 2020

I thank you in advance for your contributions and for your support of IPBES.

Yours sincerely,



Dr Anne Larigauderie | Executive Secretary
Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)




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"In the midst of every crisis, lies great opportunity"
Albert Einstein





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