Congreso Nacional del Medio Ambiente (Conama 2012)

Madrid del 26 al 30 de noviembre de 2012

CONAMA2012
CONGRESO NACIONAL DEL MEDIO AMBIENTE

DEL 26 AL 30 DE NOVIEMBRE DE 2012 TIENES
EN MADRID UNA CITA CON EL DESARROLLO SOSTENIBLE

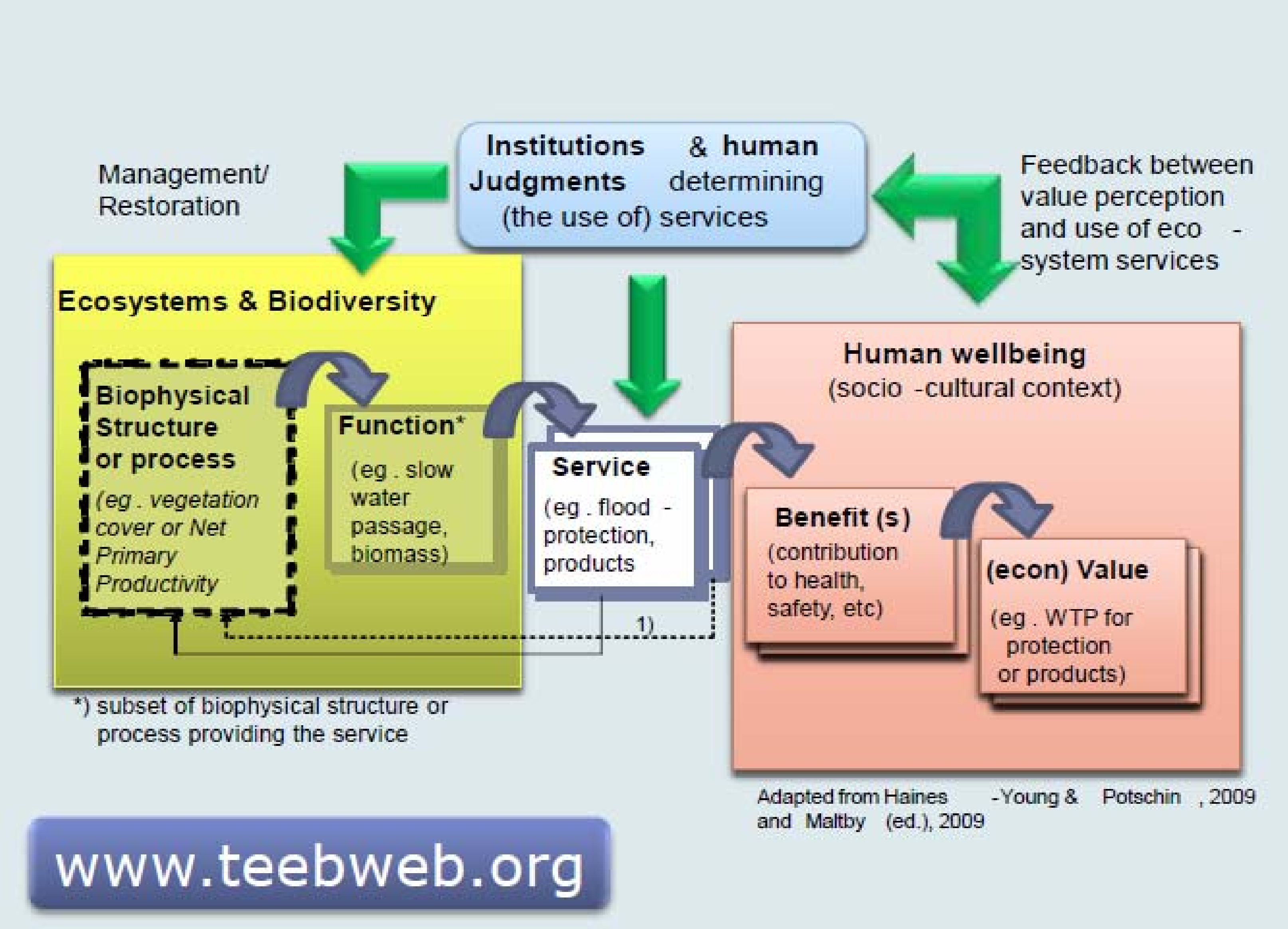
Bancos de hábitats: una visión desde la ciencia

Adrián Escudero

Universidad Rey Juan Carlos

ÁREA DE BIODIVERSIDAD Y CONSERVACIÓN

Valoración de los hábitats



Esfuerzos para obtener métricas: UK

www.defra.gov.uk

Biodiversity Offsetting Pilots

Technical Paper: the metric for the biodiversity offsetting pilot in England

March 2012

Habitat type band	Distinctiveness	Broad habitat type covered	Type of offset
High	High	Priority habitat, as defined in Section 41 of the NERC Act[5]	Same band type, and ideally like for like
Medium	Medium	Semi natural	Within band type or trade up
Low	Low	E.g. Intensive agricultural– but may still form an important part of the ecological network in an area.	Trade up

Figure 4: Matrix showing how condition and distinctiveness are combined to give the number of biodiversity units per hectare[8]

		Habitat distinctiveness		
		Low (2)	Medium (4)	High (6)
Condition	Good (3)	6	12	18
	Moderate (2)	4	8	12
	Poor (1)	2	4	6

Esfuerzos para obtener métricas: USA

EPA United States Environmental Protection Agency

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Indicators of Ecosystem Value: Deriving Units of Exchange for Habitat Trades, Banking, and Preservation Priorities

Research Project Search
NCER Research Project Search

EPA Grant Number: R827921
Title: Indicators of Ecosystem Value: Deriving Units of Exchange for Habitat Trades, Banking, and Preservation Priorities
Investigators: Boyd, James
Current Investigators: Boyd, James , King, Dennis , Simpson, R. David , Wainger, Lisa
Institution: Resources for the Future
Current Institution: Resources for the Future , University of Maryland Center for Environmental Science
EPA Project Officer: Clark, Matthew
Project Period: September 1, 1999 through December 31, 2001
Project Amount: $273,000
RFA: Decision-Making and Valuation for Environmental Policy (1999)
Research Category: Economics and Decision Sciences

NCER Research Project Search

Indicators of Ecosystem Value: Deriving Units of Exchange for Habitat Trades, Banking, and Preservation Priorities

Grant Number R827921

RFA: Decision-Making and Valuation for Environmental Policy (1999)

Other views:	All publications	Selected publication types	Publications submitted after final report	Redisplay this page with Reference Title, Journal, and Author Columns	Display this page in RIS format

Journal Article (3)

Reference Type	Citation	Progress Report Year	Document Sources
Journal Article	Boyd J, King D, Wainger LA. Compensation for lost ecosystem services: the need for benefit-based transfer ratios and restoration criteria. *Stanford Environmental Law Journal* 2001;20(2):393-412.	R826612 (Final) R827921 (Final)	• Abstract: Lexis Nexis excerpt EXIT Disclaimer • Other: HeinOnline EXIT Disclaimer
Journal Article	Boyd J, Wainger L. Landscape indicators of ecosystem service benefits. *American Journal of Agricultural Economics* 2002;84(5):1371-1378.	R827921 (Final)	• Abstract: JSTOR first page EXIT Disclaimer
Journal Article	Wainger LA, King D, Salzman J, Boyd J. Wetland value indicators for scoring mitigation trades. *Stanford Environmental Law Journal* 2001;20(2):413-478.	R826612 (Final) R827921 (Final)	• Full-text: Duke Law Scholarship Repository PDF EXIT Disclaimer

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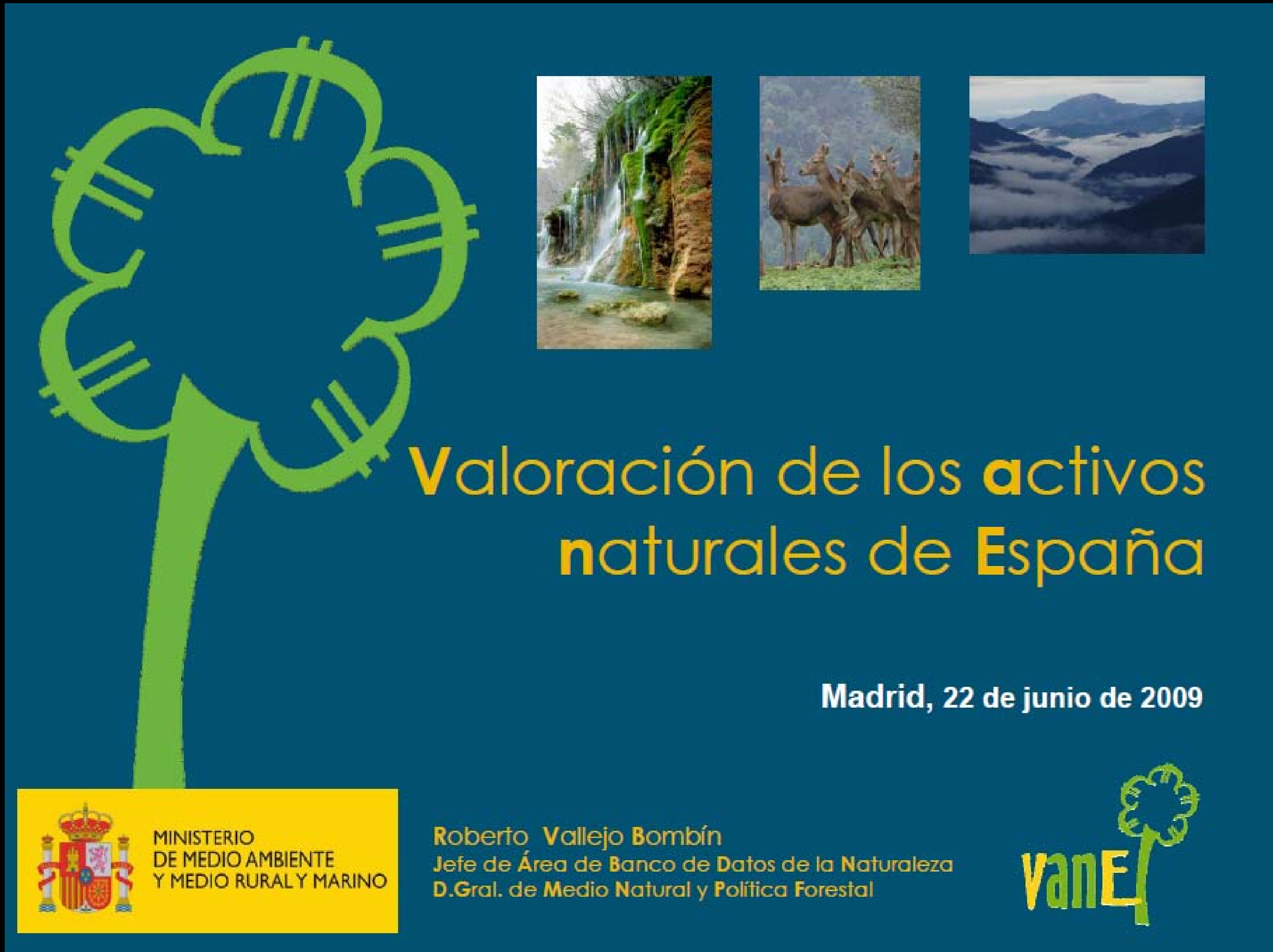
Una métrica sencilla desde ópticas básicamente económicas



No sólo todo es futbol: Ecología (www.aeet.org)

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3	China	21.277	21.110	93.539	59.712	10,62	80
4	Germany	16.706	16.384	315.386	93.758	21,48	147
5	Canada	16.569	16.128	344.744	87.504	23,35	168
6	Australia	15.026	14.491	284.706	97.549	21,96	147
7	France	13.586	13.365	300.864	82.998	25,51	157
8	Japan	9.954	9.737	127.147	42.468	14,85	98
9	Spain	8.027	7.869	141.093	46.428	21,38	109
10	Netherlands	6.659	6.458	154.432	30.905	26,43	122
11	India	6.597	6.387	28.354	11.391	5,14	56
12	Sweden	6.249	6.132	155.799	30.334	27,23	122
13	Italy	5.519	5.406	94.334	26.533	20,83	99
14	Switzerland	5.294	5.167	132.617	25.508	29,86	117
15	New Zealand	4.494	4.375	92.487	21.303	23,37	106
16	Finland	4.282	4.210	93.027	22.155	23,69	103
17	South Africa	4.251	4.131	60.106	17.772	15,84	88
18	Brazil	4.136	4.025	65.892	24.448	21,10	90
19	Norway	3.917	3.857	77.837	18.216	23,55	95
20	Russian Federation	3.779	3.747	37.997	8.102	11,07	71

Potencial investigador

Remedinal: Programa de I+D

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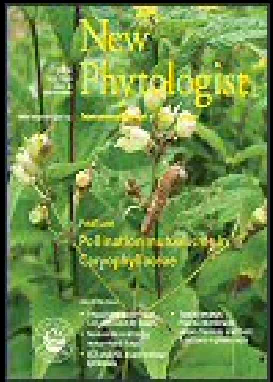

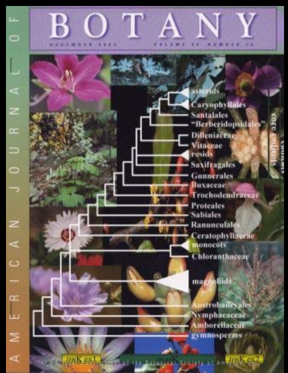

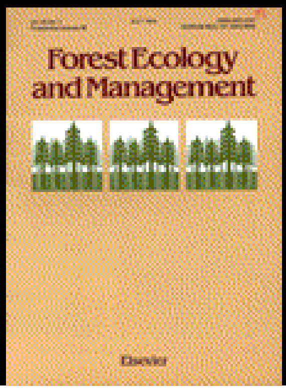

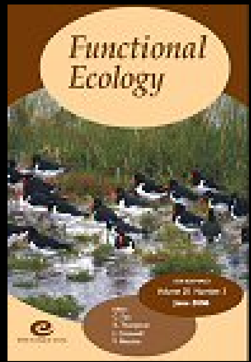

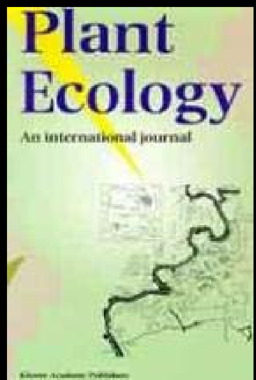

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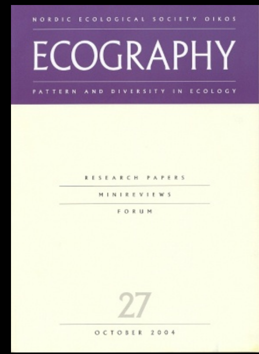
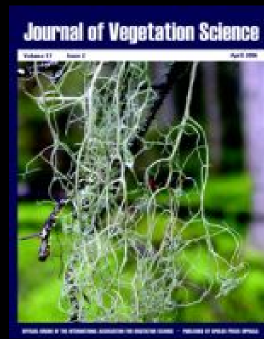




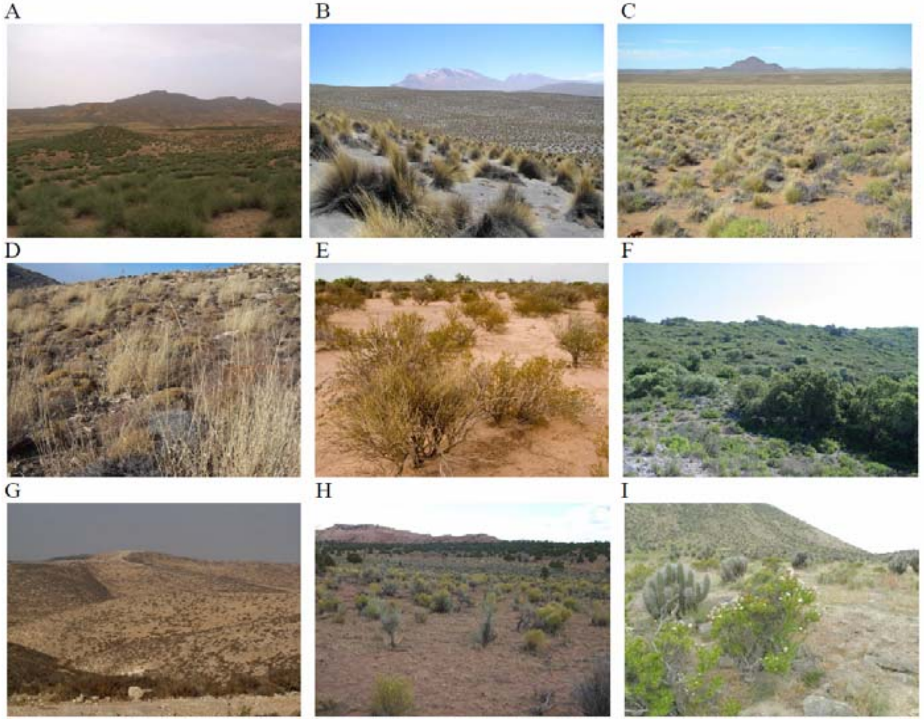
¿Cómo medir el valor de los hábitats?

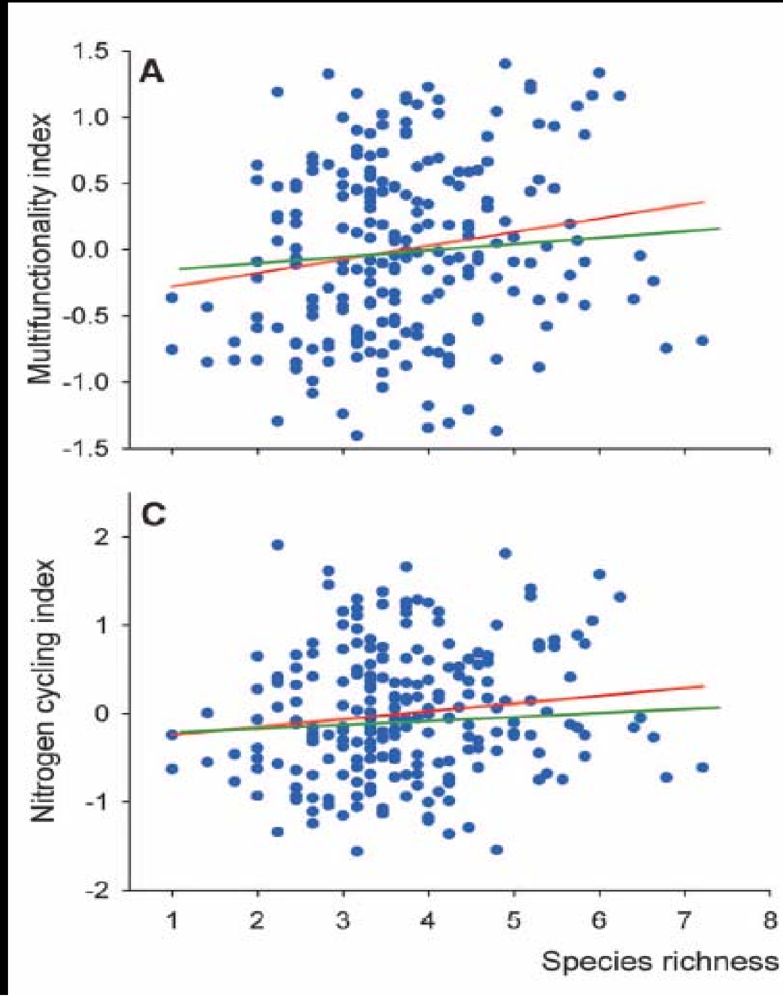
Multifuncionalidad

Diversidad biológica

Plant Species Richness and Ecosystem Multifunctionality in Global Drylands

Fernando T. Maestre,[1]* José L. Quero,[1] Nicholas J. Gotelli,[2] Adrián Escudero,[1] Victoria Ochoa,[1] Manuel Delgado-Baquerizo,[3] Miguel García-Gómez,[1,4] Matthew A. Bowker,[5]

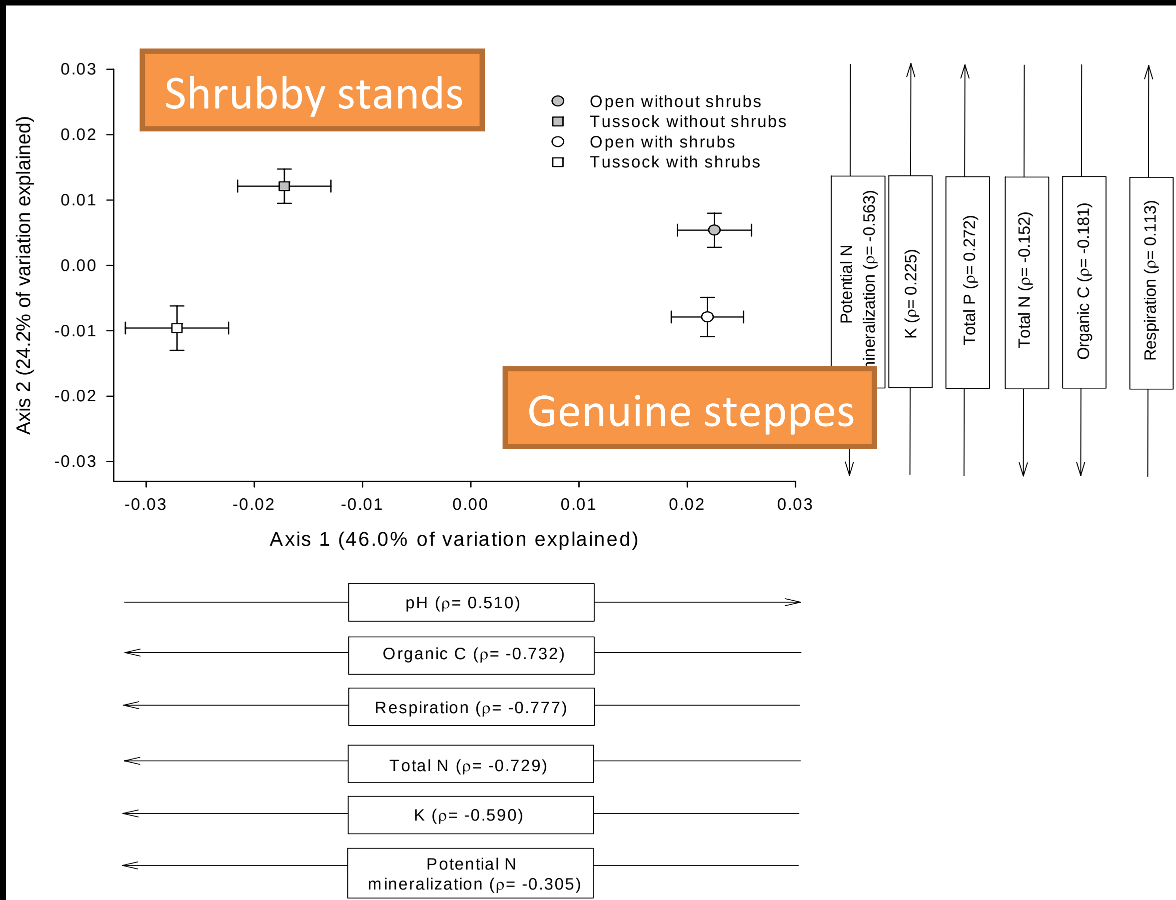




En jaque incluso mitos básicos como la matorralización

Schlesinger 1990´s model

Disturbance → **Heterogeneity** → **Enchroachment**



Incremento de la erosión

Incremento en la escorrentía superficial

Caída en la disponibilidad de agua

Menos infiltración

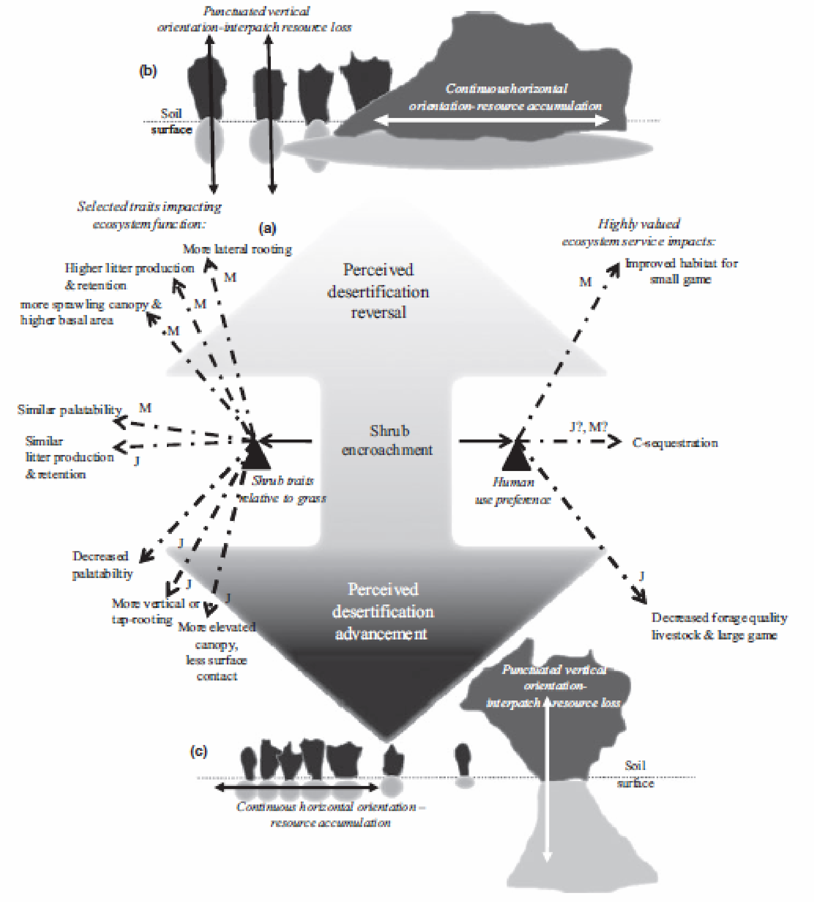
Conexión de multifuncionalidad con servicios ecosistémicos

Depende de percepción

Ecology Letters, (2009) **12**: 930–941 doi: 10.1111/j.1461-0248.2009.01352.x

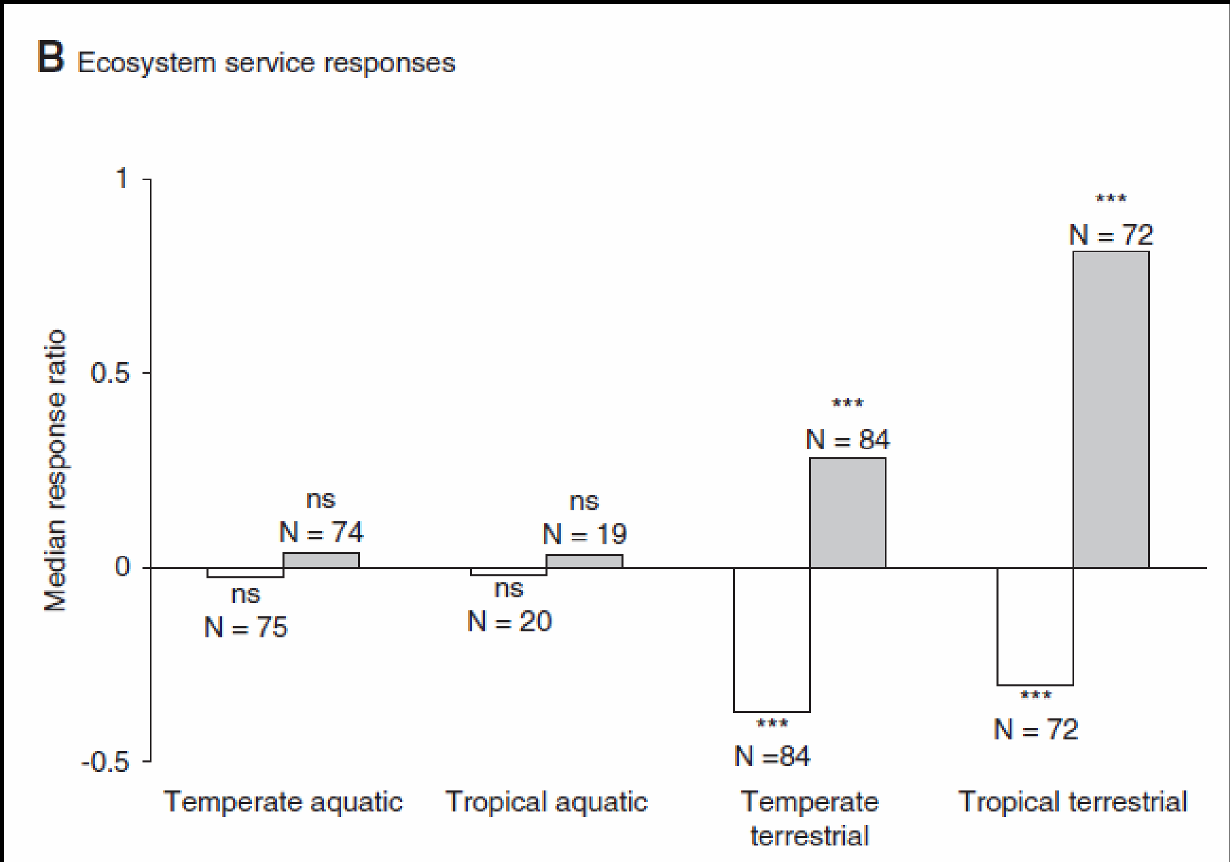
LETTER

Shrub encroachment can reverse desertification in semi-arid Mediterranean grasslands



Enhancement of Biodiversity and Ecosystem Services by Ecological Restoration: A Meta-Analysis

José M. Rey Benayas,[1,2]* Adrian C. Newton,[3] Anita Diaz,[3] James M. Bullock[4]



Todo está inventado

Workshop for Economists and Ecologists, 8th May 2012

Forging interdisciplinary links to inform public policy. A case study in sustainable agriculture

Workshop

Forging interdisciplinary links to inform public policy

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NATURAL ENVIRONMENT RESEARCH COUNCIL

Society of Biology

British Ecological Society

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UKNEE UK Network of Environmental Economists

Valuing Nature Network

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