

Curriculum Vitae: **Ignacio PALOMO, Ph.D.**

1. BASIC INFORMATION

Personal Data

Name: Ignacio PALOMO RUIZ

Date of Birth: 30-09-1980

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Researcher ID: D-4398-2014

ORCID: <http://orcid.org/0000-0002-4573-5989>

Research Gate: https://www.researchgate.net/profile/Ignacio_Palomo

Google Scholar: <https://scholar.google.es/citations?user=W0WEIIsAAAAJ&hl=es&authuser=1>

Blog on Sustainability: www.lucesdemontana.org

Twitter: @ignacio_palomo_



Awards

- 2022 **Gulbenkian Prize for Humanity**, awarded to the Scientists of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES), of which I participated as Fellow of the Global Assessment (2016-2019) and Lead Author of the Methodological Assessment on Values (2019-2022).
- 2021 **EuroNatur Award 2021**, given to the Scientists of IPBES.
- 2020 **WIN WIN Gothenburg Sustainability Award 2020**, given to IPBES.
- 2013 **Extraordinary PhD Award** - “Premio Extraordinario de Doctorado” given by the Universidad Autónoma de Madrid.

2. EDUCATION

Degrees

- 15/07/2013 **PhD in Ecology**
01/03/2009 Universidad Autónoma de Madrid, Spain
Thesis Title: *Managing protected areas beyond their boundaries: a social-ecological approach to landscape planning.*
Supervisors: Berta Martín López and Carlos Montes
2013: *Three-month Internship at Bonn University, Germany.*
2012: *Three-month Internship at Nottingham University, UK.*
2011: *Three-month Internship at Stanford University, USA.*
- 28/02/2009 **Master's degree in Ecology**
15/07/2007 Universidad Autónoma de Madrid, Spain
Master Thesis Title: *Mapping ecosystem services from providing units to beneficiaries: the case of Doñana protected area.*
Master Thesis Supervisors: Berta Martín López and Carlos Montes
- 30/06/2006 **Graduate in Environmental Sciences**
15/09/2001 Universidad San Pablo CEU, Spain
2005-2006: *Erasmus Student at the University of Florence, Italy.*

3. PROFESSIONAL EXPERIENCE

Professional Experience

01/10/2021 On-going	Chargé de recherche de classe normale (CRCN) French National Research Institute for Sustainable Development (IRD). Institut des Géosciences de l'Environnement (IGE), France
26/02/2020 25/02/2024	Make Our Planet Great Again (MOPGA) Laureate French National Centre for Scientific Research (CNRS). Laboratory of Alpine Ecology (LECA), France
10/03/2014 25/02/2020	Postdoctoral Researcher Basque Centre for Climate Change (BC3), Spain
22/01/2014 21/03/2014	Research Assistant Universidad Autónoma de Barcelona (UAB), Spain
01/10/2009 30/09/2013	FPU Doctoral Researcher Universidad Autónoma de Madrid (UAM), Spain
01/01/2009 30/09/2009	Research scholar Fundación General de la Universidad Autónoma de Madrid (FGUAM), Universidad Autónoma de Madrid (UAM), Spain
01/10/2006 30/08/2007	Information Manager IA GMBH, Germany

International stays in universities and R&D centres

2019/2020	Laboratoire d'écologie alpine, University of Grenoble-Alpes , France. With Dr Sandra Lavorel. 4 months.
2018	Laboratoire d'écologie alpine, University of Grenoble-Alpes , France. With Dr Sandra Lavorel. 2 weeks.
2013	Centre for Development Research, Bonn University , Germany. With Dr Tobias Wünscher. 10 weeks.
2012	Centre for Environmental Management, Nottingham University , UK. With Prof. Roy Haines-Young and Dr Marion Potschin. 3 months.
2011	The Natural Capital Project, Stanford University , USA. With Prof. Gretchen Daily. 3 months.
2005	United Nations University for Peace studies , Costa Rica. With Prof. Ronnie de Camino. 6 weeks.

4. EXPERT ACTIVITIES

Expert activities

2022-2023	Scientific Leadership Council Member . Mountain Research Initiative, Switzerland.
2021-2024	Scientific Advisory Council Member . Institute for Alpine Environment, EURAC Research, Italy.
2021-2022	PANORAMA's IUCN's Advisory board Member .
2019-2023	Founding Member of the Spanish Young Academy .
2018-2022	Member of the Global Young Academy .
2018-2022	Lead Author of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES) for the Methodological Assessment on values.
2017-2022	Member of the World Commission of Protected Areas of the International Union for the Conservation of Nature (IUCN) of United Nations.

- 2017 **Accreditation as University Professor** by the National Agency of Accreditation and Quality in Spain.
- 2016-2019 Fellow of **IPBES for the Global Assessment**.

5. FELLOWSHIPS AND RESEARCH PROJECTS

A total of **12 million Euros** raised within both individual fellowships and National and International Research Projects/Grants. As **Principal Investigator**, I have raised over **1.3 m Euros**.

Fellowships and personally awarded grants

- 2020-2024 **Make Our Planet Great Again (MOPGA) Laureate**. *Highly competitive grant awarded by the French National Research Agency (ANR), France. 1,104,597 €.*
- 2018-2019 **Juan de la Cierva Incorporación Postdoctoral Fellowship**. *Highly competitive grant awarded by the Spanish Ministry of Science and Innovation targeting the most promising junior researchers in order to consolidate their career. 70,000 €.*
- 2016-2017 **Juan de la Cierva Formación Postdoctoral Fellowship**. *Highly competitive grant awarded by the Spanish Ministry of Science and Innovation addressing the early stages of the post-doctoral career. 60,000 €.*
- 2009-2013 **FPU Fellowship**. *Highly competitive grant awarded by the Spanish Ministry of Science and Innovation to support the preparation of a PhD. 110,000 €.*
- 2008-2009 **Caja Madrid Fellowship** for Pre-Doctoral Studies. 6,000 €.

Research projects

Additional funding has been obtained through the **coordination and participation in the following five international projects (FP7 and H2020 among others) and seven national projects** with diverse research and academic institutions, Non-Governmental Organizations (NGOs) and Small and Medium Enterprises (SMEs).

- 2022-2024 *Principal Investigator*. Peru 30*30: Achieving conservation targets for nature and people. IRD – WCS – Earth Fund. 240,000 €.
- 2021 D-Game Mountains. Testing the transformative potential of sustainability education in the Vaud Alps (pilot phase). Centre interdisciplinaire de recherche sur la montagne – CIRM. University of Lausanne. 13,602 €.
- 2019 *Principal Investigator*. Transformative change as a response to climate change in mountain social-ecological systems (TRANSMOUNT). Mountain Research Initiative Synthesis Workshop. 7,500 €.
- 2018 Future Earth – IPBES Fellows Workshop in Medellin, Colombia. Future Earth. 20,000 €. *I have been co-principal investigator during the phase of fundraising and development of the research project.*
- 2016-2019 Evaluation of Ecosystem service flows along rural-urban gradients: applications to social-ecological landscape planning (ECOGRAIENTES). Spanish Government. 111,400 €. *I have been co-coordinator of the WP related to ecosystem services mapping, supervising various tasks of PhD and Master students including study design, selection of methodologies, data collection and analysis and publication of results.*
- 2016-2018 Social equity in payments for Ecosystem services: a social-ecological approach. “Retos” programme. Spanish Government. 18,150 €. *I have collaborated in the design of the project and as a resource person at specific parts of the project.*
- 2014-2017 Operationalisation of natural capital and ecosystem services (OpenNESS). FP7 Project with 25 research partners and 10 SMEs. 8,999,193 €. *I have been co-coordinator of the Doñana case study in the project, supervising various tasks of PhD. and Master students including*

study design, selection of methodologies, data collection and analysis and publication of results.

- 2015-2017 Brownfield decontamination in Southern Europe (BRODISE) H2020 Project with 24 researchers. 1,310,756 €. *I have designed and developed the stakeholder analysis task for the various partners within the stakeholder engagement work package of the project and produced the associated deliverables.*
- 2012-2015 Evaluación de los ecosistemas del milenio en España (EME). Fundación Biodiversidad. 400,000 €. *I supported the project providing expertise in participatory methods to assess human-nature interactions.*
- 2012-2015 Efectos de la gestión del territorio en la capacidad de la biodiversidad para suministrar servicios a la sociedad: evidencias en tres sistemas socio-ecológico (BIOPAIS). Ministerio de innovación y ciencia. 180,000 €. *I have coordinated the ecosystem services mapping tasks of the project.*
- 2009-2013 Gestionando los Parques Nacionales más allá de sus límites: evaluación y cartografía de servicios como herramienta de gestión territorial ante el cambio global. Organismo Autónomo de Parques Nacionales. 80,661 €. *I have developed my PhD Thesis within the frame of this project and coordinated various tasks within it.*
- 2009-2010 Doñana Ecosocial. Fundación Doñana 21. 10,000 €. *I have developed various participatory workshops and supervised the realization of questionnaires for this project.*
- 2008-2009 Hacia un nuevo modelo de gestión del sistema socio-ecológico de Doñana basado en los vínculos entre el bienestar humano y los servicios de sus ecosistemas. WWF-Spain. 11,206 €. *I have developed one of the chapters of my PhD Thesis within the frame of this project and coordinated various tasks within it.*

6. CONFERENCES AND INVITED TALKS

Participation in conferences

I have participated with **27 communications in multiple International Scientific Conferences** (two as keynote speaker) and **several National Conferences** (two as keynote speaker). *Keynote conferences have an *.*

- 2022 Dubo., T., Palomo, I., Collain, G., Lavorel, S. 2022. *Drivers of implementation of Nature-Based Solutions for adaptation to climate change in the Alps.* International Mountain Conference. Innsbruck, Austria.
- 2022 Bruley., E., Palomo, I., Lavorel, S. 2022. *Leverage gaps for nature-based solutions scaling for climate change adaptation in the French Alps.* International Mountain Conference. Innsbruck, Austria.
- 2022 González-García., A., Palomo, I., Lavorel, S. 2022. *Contributions of Nature-Based Solutions to climate change adaptation in the Alps.* International Mountain Conference. Innsbruck, Austria.
- 2022 Rico, I, Olalde, T., Salaberria, M., Palomo, I., Izagirre, E. 2022. *The glaciers of the Pyrenees in 2050: an approach to the cultural consequences of their disappearance.* International Symposium on Ice in a Sustainable Society. Bilbao, Spain.
- 2021 Dubo, T., Palomo, I., Laorden Camacho, L., Locatelli, B., Lavorel, S. *Are Nature-based Solutions for climate change adaptation strategically located in the Alps?* Ecosystem Services Partnership International Conference. Tartu, Estonia.
- 2020 *Palomo, I. *Assessing trade-offs among environmental targets towards the sustainable development goals.* Global Young Academy 2020 E-International Conference of Young Scientists. On-line Conference.
- 2020 Palomo I., Locatelli B., Crouzat E., Otero I., Bruley E., Cuni-Sanchez A., Colloff M., Gómez-Baggethun E., González-García A., Grêt-Regamey A., Jimenez-Aceituno A., Martín-López B., Pascual U., Zafra-Calvo N., Fischborn M., Metz R., Lavorel S. *An operational framework for*

- assessing transformative change through nature-based solutions in mountains*. Swiss GeoSciences meeting. Zurich, Switzerland (virtual conference).
- 2019 González-García, A., Palomo, I., López-Santiago, C., Montes, C. *Ecosystem services supply-demand mismatches: applications for landscape planning in the urban-rural gradient of Madrid metropolitan area and surrounding landscapes*. Ecosystem Services Partnership International Conference. Hannover, Germany.
- 2018 Palomo, I., Crouzat, E., Lavorel, S. *A Review of Climate Change Impacts on Ecosystem Services in High Mountain Areas*. Ecosystem Services Partnership International Conference. San Sebastian, Spain.
- 2017 Palomo, S., Moreno Ortiz, J., Palomo, I., González, J. *Participatory Mapping of Ecosystem Services as a Tool for Landscape Planning*. International Association for Landscape Ecology (IALE) international Conference. Ghent, Belgium.
- 2017 Moreno Ortiz, J., Palomo, I., Escalera, J., Martín-López, B. *Building future landscapes through the values of the environment*. International Conference on Landscape Futures. Copenhagen, Denmark.
- 2017 *Palomo, I. *Alpinismo y cambio climático*. Semana de la Montaña de Leioa. Bizkaia, España.
- 2016 *Palomo, I. *The social-ecological approach for protected areas and landscape planning*. International conference of the Ecosystem Services Partnership Conference in Cali, Colombia.
- 2016 Palomo, I. Felipe-Lucía, M.R., Bennett, E.M., Martín-López, B., Pascual, U. *Disentangling the Pathways and Effects of Ecosystem Service Co-Production*. International Ecosystem Services Partnership Conference. Antwerp, Belgium.
- 2016 Langemeyer, J., Palomo, I. Baraibar, S., Gómez-Baggethun, E. *Doñana's Traditional Vineyards as Natural Capital -Integrated Assessment to Operationalize Ecosystem Services in Cultural Landscape Management*. International Ecosystem Services Partnership Conference. Antwerp, Belgium.
- 2016 *Palomo, I. *Mountaineering and climate change*. Ciclo conoce la montaña. Madrid, Spain.
- 2015 Palomo, I. *El enfoque socio-ecológico en el Parque Nacional de la Sierra de Guadarrama*. Primer Congreso Científico del Parque Nacional de la Sierra de Guadarrama. Madrid, Spain.
- 2014 Olaya Rodriguez, M.H., Cepeda Valencia, J., Martín López, B., Palomo, I. *Indicators of vulnerability for the integrative management of wetlands in Colombia: a first national-scale assessment*. International Ecosystem Services Partnership Conference. San José, Costa Rica.
- 2014 Olaya Rodriguez, M.H., Cepeda Valencia, J., Arroyave, L.J., Borja, S.M., Gutierrez, J., Lara, D., Martín López, B., Palomo, I. *Mapping ecosystem functions, services and drivers of change in wetlands: A case study of science-policy interface in Colombia*. International Ecosystem Services Partnership Conference. San José, Costa Rica.
- 2013 Drakou, E., Temperley, W.H., Verbeeck, B.A., Maes, J., Willemen, L., Burkhard, B., Crossman, N., Palomo, I., Peedell, S., Alkemade, R., Nedkov, S. *An interactive knowledge platform for ecosystem service mapping*. International Ecosystem Services Partnership Conference. Bali, Indonesia.
- 2013 Palomo, I., Martín-López, B., Alcorlo, P., Montes, C. *Evaluation of protected areas zoning using the ecosystem services approach. Insights for landscape planning*. International Ecosystem Services Partnership Conference. Bali, Indonesia.
- 2012 Palomo, I., Martín-López, B., Zorrilla, P., Montes, C. *Land use change and ecosystem services simplification around protected areas*. Ecosystem Services Partnership Conference. Portland, United States of America.
- 2012 Alcorlo, P., Willaarts, B., Palomo, I., Torres, A., Montes, C. *Linking land use changes in Doñana to water demand: needs and implication for water planning*. Congreso de la Asociación Ibérica de Limnología. Guimaraes, Portugal.
- 2011 Palomo, I., Martín-López, B., López-Santiago, C., Montes, C. *Building resilience through multi-scale scenarios under the ecosystem services framework in a protected area: the Doñana Social-Ecological system, SW Spain*. Resilience Conference. Tempe, United States of America.

- 2011 Palomo, I., Alcorlo, P., Martín-López, B., Montes, C. *Influence on ecosystem services provision of two Mediterranean protected areas (Doñana and Sierra Nevada): linking to beneficiaries*. Ecosystem Services Partnership Conference. Wageningen, The Netherlands.
- 2011 Palomo, I., Martín-López, B., López-Santiago, C., Montes, C. *Construcción participativa de escenarios de futuro para la gestión de espacios naturales protegidos: El Espacio Natural de Doñana*. V Seminario de Investigación en EA y EDS. Valsain, Spain.
- 2011 Palomo, I., Martín-López, B., Montes, C. *Mapping Ecosystem Services: Current Trends*. ACES: A Conference on Ecosystem Services. Naples, United States of America.

Invited talks at Academic Centres and in learning courses

*Keynote interventions have an **.

- 2022 Interdisciplinary science towards climate change adaptation in mountain social-ecological systems Institut des Géosciences de l'Environnement (IGE), France.
- 2021 *Assessing Nature-based Solutions for transformative change. Mountain Research Initiative 20th Anniversary Lecture. On-line presentation.
- 2021 Climate change and adaptation pathways in mountain social-ecological systems. Institute of Alpine Environment, EURAC Research, Italy. On-line webinar.
- 2021 *Social-ecological systems. Ozcar Summer school: « La Science de la Zone Critique : le socle commun de connaissances à partager ». Barcelonnette, France.
- 2021 Assessing nature-based solutions. Programme de échanges : Solutions fondées sur la nature et politiques publiques. Ministry of Ecological Transition, France. On-line webinar.
- 2021 Inclusive conservation for people and nature. University of Göttingen, Germany. On-line webinar.
- 2020 Pathways of transformation in the Alps. National Research Institute for Agriculture, Food and Environment, France.
- 2019 Interdisciplinary research for sustainability. University of Grenoble-Alps, France.
- 2018 Climate change and mountain social-ecological systems. University of Grenoble-Alps, France.

Organisation of Conferences

- 2019 **Co-organizer** of a session at the Ecosystem Services Partnership Conference, Hannover, Germany.
- 2018 **Co-organizer** of a session at the Ecosystem Services Partnership Conference, San Sebastian, Spain.
- 2017 **Co-organizer** of a session at the Ecosystem Services Partnership Conference, Shenzhen, China.
- 2017 **Scientific Director**. KLIMAGUNE Conference. Climate change and social engagement. Bilbao, Spain.
- 2016 **Local Coordinator**. IPBES Fellows training. Bilbao, Spain.
- 2016 **Co-organizer** of a session at the Ecosystem Services Partnership Conference, Antwerp, Belgium.

7. TEACHING & SUPERVISION

Teaching activities

I have been **Scientific Director of one course** and taught **139 hours in courses at Bachelor and Master's Level**.

- **Scientific Director** of the Course (2016): *Mapping Ecosystem Services for Landscape Planning* at International Center for Advanced Mediterranean Agronomic Studies (CIHEAM), Zaragoza, Spain.
- **Teaching courses** (139 hours in total):

Level	Title	University	Hours (Year)
Master	Master in Protected Area Management.	Universidad Autónoma de Madrid, Spain	4 (2019)
			4 (2018)
			4 (2017)
			4 (2016)
			3 (2015)
Master	Master in Sustainability	Universidad Internacional de Andalucía, Spain	1 (2011)
Bachelor	Bachelor in Environmental Sciences	Universidad Autónoma de Madrid, Spain	2 (2016)
			10 (2013)
			39 (2012)
			28 (2011)
			35 (2010)
Course	Ecosystem Services Mapping for Landscape planning	Instituto Agronómico Mediterráneo de Zaragoza, Spain	6 (2016)

Supervising activities

I have supervised **two Postdocs, two PhD. Thesis, 11 Master's Theses and four Graduate Theses**. Currently, I am co-supervising **two PhD. candidates**.

Postdocs

- 2022/24 Alberto González García. University of Grenoble Alps, France.
 2022/23 Enora Bruley. University of Grenoble Alps, France.

PhD. Theses:

- Titouan Dubo. *Ecosystem-based adaptation in the Alps*. CNRS - University of Grenoble Alps, France.
 - Paloma Franco Nieto. *Adaptation to climate change in mountain social-ecological systems*. Universidad Autónoma de Madrid, Spain.
- 2022 Alberto González García. *Incorporating ecosystem services social-ecological relations for landscape planning. The case of Madrid*. Universidad Autónoma de Madrid, Spain. *Summa Cum Laude*.
- 2018 Juanita Aldana-Dominguez. *Towards social-ecological planning of the Barranquilla Metropolitan Area (Colombia): integrating biodiversity and ecosystem services for human well-being*. Universidad Autónoma de Madrid, Spain. *Summa Cum Laude*.

Master's Theses:

- Guillaume Collain. *Identification des barrières pour les initiatives d'adaptation au changement climatique fondées sur la nature dans les Alpes*. University of Grenoble, France.
- 2022 Henri Standaert. *Scenarios of carbon sequestration by nature-based solutions in 2050 in the Alps*. Free University of Brussels, Belgium.
- 2021 Audrey Cugniet. *Identification, caractérisation et diffusion des initiatives d'adaptation au changement climatique fondées sur la nature dans les Alpes*. University of Grenoble, France.
- 2020 Lucía Laorden Camacho. *'Ecosystem Based Adaptation' (EBA) measures: an analysis of their contribution to adaptation in the Alps and interaction with the Sustainable Development Goals (SDG)*. University of Innsbruck, Austria, and University of Bolzano, Italy.
- 2020 Beñat Apaolaza. *Influencia de las estrategias de adaptación al cambio climático en los servicios ecosistémicos en alta montaña: revisión sistemática de literatura*. Universidad de Alcalá, Spain.
- 2020 Titouan Dubo. *Identification and characterisation of Ecosystem-based Adaptation in the Alps*. CNRS - University of Grenoble Alps, France.

- 2020 Clara Blasco. *Spatial prioritization of landscape stewardship*. Universidad Autónoma de Madrid, Spain.
- 2019 Salsabeel Abd Al-Gleel S. Shishany. *Assessing the ecosystem services of forestry protected areas and the impacts on the local communities in northern Jordan*. The University of Jordan, Jordan.
- 2017 Tomás González Astorga. *Aproximación a un Plan de Desarrollo Local con Enfoque Territorial para la Cuenca Alta del Río Maipo*. Universidad Autónoma de Madrid, Spain.
- 2015 Sergio Baraibar. *Design of policy measures to protect ecosystem services from cultural landscapes. A case study in the traditional vineyards of Doñana, Spain*. Universidad Autónoma de Barcelona, Spain.
- 2013 Luis Saavedra. *Una aproximación socio ecológica a la gestión del sistema nacional de áreas protegidas de Perú (SINANPE)*. Universidad Autónoma de Madrid, Spain.
- 2011 Nieves Callado Zaragoza. *Aplicación del marco de los servicios de los ecosistemas a los espacios Red Natura 2000*. Universidad Autónoma de Madrid, Spain.

Graduate Theses:

- 2013 Blanca Alonso. *Tendencias en la distribución geográfica de la biología de la conservación en el siglo XXI*. Universidad Autónoma de Madrid, Spain.
- 2013 Diana Loaysa Merino. *Visión socio-ecológica del Parque Natural de Peñalara y su área de influencia socio-económica: una contribución a la gestión del Parque Nacional de Guadarrama*. Universidad Autónoma de Madrid, Spain.
- 2011 Diana Calvo Boyero. *Repensando el concepto de bienestar humano desde las ciencias de la sostenibilidad: aplicación práctica al socio-ecosistema de Doñana*. Universidad Autónoma de Madrid, Spain.
- 2011 Rebeca Arias. *Análisis de los flujos de los servicios de pesca y marisqueo en el espacio natural de Doñana y su entorno*. Universidad Autónoma de Madrid, Spain.

Mentoring activities

I have been a mentor in **two PhD. Theses**.

- 2018-2021 Grosinger, Julia. Grenoble-Alpes University. **Member of the PhD**. Supervision Committee.
- 2017-2019 Jazmin-Valencia, M. Universidad de Pereira, Colombia. **Member of the PhD**. Supervision Committee.

PhD Committees

I have been Jury in **six PhD. Thesis Defense Committees**:

- 2022 Aracely Burgos Ayala. *Conexiones socio-ecológicas en la gestión ambiental: los servicios ecosistémicos y la sociedad en Colombia*. Universidad Autónoma of Madrid, Spain.
- 2021 David García del Amo. *Climate Change Indicators. A Local Perspective*. Universidad Autónoma of Barcelona, Spain. Alternate committee member.
- 2020 Pamela Zuñiga. *De las montañas al valle: hacia un nuevo modelo de gestión basado en los vínculos entre la biodiversidad, los servicios de los ecosistemas y el bienestar humano para el departamento de Tolima, Colombia*. Universidad Autónoma of Madrid, Spain.
- 2016 Juan Fernández San Juan. *Elaboración de un sistema de planificación y gestión de los Espacios Naturales Protegidos (SIPGEN). Aplicación al Parque Regional de los Picos de Europa, León*. Universidad Autónoma of Madrid, Spain.
- 2015 Emilie Crouzat. *Etude des compromis et synergies entre services écosystémiques et biodiversité. Une approche multidimensionnelle de leurs interactions dans le socio-écosystème des Alpes françaises*. Université Grenoble Alpes, France.

- 2014 Richard Hewitt. *Integrating stakeholder knowledge in Cellular Automata models of land use change*. Universidad de Alcalá de Henares, Spain.

8. SERVICE TO ACADEMIA

Editorial duties for international journals

- 2017-2022 *One Ecosystem Journal*. Topic Editor.
2013 *Ecosystem Services Journal*. Special Issue Editor.

Reviewer for international journals

I have acted as **reviewer for 47 articles in scientific journals** (average of 4 articles for each article that I published as first-author) and as reviewer for three international call for funding for research projects.

Science-policy reports (by invitation):

- IPCC-IPBES nexus report 2021.
- IPCC report on the Ocean and the Cryosphere 2018.

Projects:

- 2021. AFD-GDN Biodiversity and Development Awards Program.
- 2019. Solstice Call. JPI Climate.
- 2018. Belmont Forum. Scenarios of Biodiversity and Ecosystem Services.

Scientific Journals:

- *Agriculture, Ecosystems & Environment*: 1
- *Basic and Applied Ecology*: 1
- *BioScience*: 1
- *Current Opinion in Environmental Sustainability*: 3
- *Ecological Applications*: 1
- *Ecological Economics*: 3
- *Ecological Indicators*: 3
- *Ecology and Society*: 4
- *Ecosystem Services*: 7
- *Ecosystems and People*: 3
- *Frontiers in Ecology and the Environment*: 1
- *International Journal of Biodiversity Science, Ecosystem Services & Management*: 1
- *Landscape and Urban Planning*: 1
- *Landscape Ecology*: 1
- *Land Use Policy*: 3
- *Mountain Research & Development*: 1
- *Nature Urban Sustainability*: 1
- *One Ecosystem*: 1
- *PLoS One*: 1
- *Regional Environmental Change*: 5
- *Sustainability Science*: 3
- *Scientific Reports*: 1

Advisory of research projects and academic conferences

- 2019-2021 **Scientific advisor** of the project “*An inclusive approach to assessing integrative scenarios and visions for protected area management (ENVISION)*” funded by BiodiveERsA.

- 2019 **Member of the scientific committee** for the Conference “*Creando puentes entre la ciencia y la gestión en reservas de la biosfera*” 13-15 November 2019. Catedra Unesco UPV/EHU and Reserva de la Biosfera de Urdaibai.

Service to community

- 2014-2019 **Coordinator of Scientific Seminars** at BC3 in which BC3 researchers regularly present the outcomes of their research.
- 2015-2019 **Lecturer** at the Training Caravan initiative to communicate climate change to high school students at BC3.
- 2012-2013 **Elected representative of PhD students** at the Faculty of Science of the Universidad Autónoma de Madrid.
- 2010-2013 **Elected representative of PhD students** at the Department of Ecology of the Universidad Autónoma de Madrid.

9. CONTINUED TRAINING AND OTHER EDUCATIONAL ASPECTS

Selection of training courses

- 2017 Mountain snow and permafrost: the cryosphere as indicator of climate changes. Instituto Pirenaico de Ecología. Ainsa, Spain. (16 hours).
- 2015 ISI Web of Science. Fundación Española para la Ciencia y la Tecnología. Bilbao, Spain. (3 hours).
- 2014 International Spring University on Ecosystem Services Modelling. Basque Centre for Climate Change (BC3). Bilbao, Spain (75 hours).
- 2012 GIS applied to environmental management (Raster analysis). Universidad Politécnica de Madrid. Madrid, Spain. (40 hours).
- 2008 GIS applied to environmental management (Vector analysis). Universidad Politécnica de Madrid. Madrid, Spain. (40 hours).

Language skills

Language	Listening skills	Reading skills	Spoken Interaction	Speaking skills	Writing skills
Spanish	Native	Native	Native	Native	Native
English	C1	C2	C1	C1	C2
French	C1	C1	B1	B1	B1
German	C1	C1	C1	C1	C1
Italian	B2	C1	B2	B2	B1

10. OUTREACH

Applications for policy resulting from my research

- As an Author of the Global Assessment of The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (**IPBES**), my work has contributed to a **high policy impact in over 100 concrete initiatives** from bodies such as the G7, the European Commission, the United States parliament, and the French Government among others: <https://ipbes.net/impact-tracking-view>.
- The results of my PhD Thesis have been used directly to design the 2020 strategy of the knowledge broker Europarc-Spain, called “Protected Areas for People”, based on a social-ecological approach to nature conservation, highlighting the role of nature in enhancing human wellbeing.
- Various of my publications have been cited in the reports of IPBES and the Intergovernmental Panel on Climate Change (IPCC).

Media appearances & Public Engagement

- Coordinator of the Blog "Luces de Montaña" (www.lucesdemontana.org), on science and mountain sustainability, with over 20.000 visits in the last year and several collaborators.
- Article in the Journal "The Guardian" titled "Critical measures of global heating reaching tipping point, study finds", summarizing an article I co-authored in *BioScience*.
- Organization of the Webinar Series "How Spanish Science is contributing to fight the COVID-19". I co-organized various webinars by identifying and inviting speakers (top-level Spanish scientists working on COVID-19) (2020).
- Supported the drafting of the "Open letter from Early-Career Researchers opposing cuts to the Research and Innovation programs of the proposed European Union budget 2021-2027": <http://bit.ly/NoToRICuts>.
- Interview in the Program "Hágase la Luz" about deforestation and climate change at the Basque Radio (2020).
- One-page press interview for the Basque edition of one of Spanish biggest newspapers, El Mundo (2019).
- Radio interview at Radio Euskadi for the program Boulevard Magazine (2019)
- Press Conference. BALELUR. Climate change impacts in the K2 area. Bilbao, Spain (2018).
- Television appearance in Channel 24h of the Spanish Television in Program Lab 24h on the Basque Centre for Climate Change (BC3) and the importance of climate change science for society (2017).
- Interview for the Basque Radio about climate change and individual behaviour (2017).
- Article appearance in the Protected Planet Newsletter of IUCN highlighting the publication in the Journal Parks, of which I was first author (2017).
- Training Caravan in years 2016, 2017, 2018, 2019. This program brings the importance of Climate Change Science to the classrooms of secondary schools.
- Pint of Science 2016. Alpinism and Climate Change. Bilbao based programme that aims to bring science closer to the public.
- Television appearance in Andalusian TV on a Research Project on Participatory Scenario Planning with various stakeholders in Doñana National Park about how to develop participatory planning based on future scenarios (2010).

11. PUBLICATIONS

Publications

I have published over 66 academic outputs including **61 articles in peer-reviewed journals** with **12 first-author publications** in JCR Journals such as *Proceedings of the National Academy of Sciences*, *BioScience*, *Advances in Ecological Research*, *Ecology & Society*, and *Ecosystem Services* among many others and a single-author commentary in *Nature*. In 14 articles I appear as second author, showing that my several of my co-authors highly appreciate my contributions to their research. I have written **three books**, **seven book chapters** and several educational articles. **7062 citations in Google Scholar**. **H-Index in Google scholar: 40**.

The most significant publications are briefly commented below using **bold** font and *italics*. I have underlined my name in those in which I supervised students.

✓ **Peer-reviewed publications (61)**

- Dubo, T., **Palomo, I.**, LaOrden Camacho, L., Locatelli, B., Coughnet, A., Racinais, N., Lavorel, S. 2022 (under review). Nature-based Solutions for climate change adaptation are not strategically located in the Alps. *Regional Environmental Change*.
- Schmeller, D.S., Urbach, D., Bates, K., Catalan, J., Cogălniceanu, D., Fisher, M.C., Friesen, J., Füreder, L., Gaube, V., Haver, M., Jacobsen, D., Le Roux, G., Lin, Y., Loyau, A., Machate, O., Mayer, A., **Palomo, I.**, Plutzer, C., Sentenac, H., Sommaruga, R., Tiberti, R., Ripple, W.J. (2022) Scientists' warning of threats to mountains. *Science of the Total Environment*, 853, 158611.

- Aldana-Domínguez, J., **Palomo, I.**, Arellana, J., Gómez de la Rosa, C. (2022). Unpacking the complexity of nature's contributions to human well-being: lessons to transform the Barranquilla Metropolitan Area into a BiodiverCity. *Ecosystems and People*, 18(1), 430-446.
- González-García, A., **Palomo, I.**, Arboledas, M., González, J. A., Múgica, M., Mata, R., & Montes, C. (2022). Protected areas as a double edge sword: An analysis of factors driving urbanisation in their surroundings. *Global Environmental Change*, 74, 102522.
- González-García, A., **Palomo, I.**, González, J.A., García-Llorente, M., García-Diez, V., Montes, C. (2022). Biodiversity and ecosystem services mapping: Can it reconcile urban and protected area planning? *Science of the Total Environment*, 803, 150048.
- Grossinger, J., Valet, A., **Palomo, I.**, Buclet, N., Lavorel, S. (2021). How common perceptions shape the co-production of nature's contributions to people in an Alpine agricultural system. *Regional Environmental Change*, 21(4), 1-17.
- Palliwoda, J., Fischer, J., Felipe-Lucia, M.R., **Palomo, I.**, Neugarten, R., Büermann, A., Price, M.F., Torralba, M., Eigenbrod, F., Mitchell, M., Beckmann, M., Seppelt, R., Schröter, M. (2021). Ecosystem service coproduction across the zones of biosphere reserves in Europe. *Ecosystems & People* 17(1), 491-506.
- Ripple, W., Wolf, C., Newsome, T., Gregg, J.W., Lenton, T.M., **Palomo, I.**, Eikelboom, J.A.J., Law, B.E., Huq, S., Duffy, P.B., Rockström, J. (2021). Scientists' warning of a climate emergency 2021. *BioScience*, 71(9), 894-898.
- **Palomo, I.**, Locatelli, B., Otero, I., Colloff, M., Crouzat, E., Cuni-Sánchez, A., Gómez-Baggethun, E., González-García, A., Grêt-Regamey, A., Jimenez-Aceituno, A., Martín-López, B., Pascual, U., Zafra-Calvo, N., Bruley, E., Fischborn, M., Metz, R., & Lavorel, S. (2021). Assessing nature-based solutions for transformative change. *One Earth*, 4(5), 730-741. ***This manuscript integrates lessons from 93 Nature-based solutions in mountains regarding their potential for delivering transformative change towards sustainability finding that stakeholder engagement is strongly needed to make NbS work.***
- Lynch, A., Fernández-Llamazares, A., **Palomo, I.**, Jaureguiberry, P., Amano, T., Basher, Z., Lim, M., Mwampamba, T.H., Samakov, A., Selomane, O. (2021). Culturally diverse expert teams yet to bring comprehensive linguistic diversity to intergovernmental assessments. *One Earth*, 4(2), 269-278.
- Arneith, A., Shin, Y., Leadley, P., Rondinini, C., Bukvareva, E., Kolb, M., Midgley, G.F., Oberdorff, T., **Palomo, I.**, Saito, O. (2020). Post-2020 biodiversity targets need to embrace climate change. *Proceedings of the National Academy of Sciences*, 117(49), 30882-3089. ***This article results from my participation in the IPBES Global Assessment and highlights, based on an extensive literature review, the need to integrate climate change into the agenda-setting post-2020 biodiversity framework.***
- García-Llorente, M., Castro, A.J., Quintas-Soriano, C., Oteros-Rozas, E., Iniesta-Arandia, I., González, J.A., García del Amo, D., Hernández-Arroyo, M., Casado-Arzuaga, I., **Palomo, I.**, Gómez-Baggethun, E., Onaindía, M., Montes, C., Martín-López, B. (2020). Local Perceptions of Ecosystem Services Across Multiple Ecosystem Types in Spain. *Land*, 9, 330.
- Chan, K., Boyd, D.R., Gould, R.K., Jetzkowitz, J., Liu, J., Muraca, B., Naidoo, R., Olmsted, P., Satterfield, T., Selomane, O., Singh, G.G., Sumaila, R., Ngo, H.T., Boedhihartono, A.k., Agard, J., D. de Aguiar, A.P., Armenteras, D., Balint, L., Barrington-Leigh, C., Cheung, W.W.L., Díaz, S., Driscoll, J., Esler, K., Eyster, H., Gregr, E.J., Hashimoto, S., Hernández Pedraza, G.C., Hickler, T., Kok, M., Lazarova, T., Mohamed, A.A.A., Murray-Hudson, M., O'Farrell, P., **Palomo, I.**, Saysel, A.K., Seppelt, R., Settele, J., Strassburg, B., Xue, D., Brondízio, E.S. (2020). Levers and Leverage Points for Pathways to Sustainability. *People and Nature*, 2, 693-717.
- Colloff, M., Wise, R.M., **Palomo, I.**, Lavorel, S., Pascual, U. (2020). Nature's contribution to adaptation: insights from examples of transformation of social-ecological systems. *Ecosystems and People*, 16, 137-150.

- González-García, A., **Palomo, I.**, González, J. A., López, C. A., & Montes, C. (2020). Quantifying spatial supply-demand mismatches in ecosystem services provides insights for land-use planning. *Land Use Policy*, 94, 104493.
- Coscieme, L., da Silva Hyldmo, H., Fernández-Llamazares, A., **Palomo, I.**, Mwampamba, T., Selomane, O., Sitas, N., Jaureguiberry, P., Takahashi, Y., Lim, M., Barral, M.P., Farinaci, J., Diaz-José, J., Ghosh, S., Ojino, J., Alassaf, A., Baatuuwie, B.N., Balint, L., Basher, Z., Boeraeve, F., Budiharta, S., Chen, R., Desrousseaux, M., Dowo, G., Febria, C., Ghazi, H., Harmáčková, Z.V., Jaffe, R., Kalemba, M.M., Lambini, C.K., Lasmana, F.P.S., Mohamed, A.A.A., Niamir, A., Pliscoff, P., Sabyrbekov, R., Shrestha, U.B., Samakov, A., Sidorovich, A.A., Thompson, L., & Valle, M. (2020) Multiple conceptualizations of nature are key to inclusivity and legitimacy in global environmental governance. *Environmental Science & Policy*, 104, 36-42.
- **Palomo, I.**, Dujardin, Y., Midler, E., Robin, M., Sanz, M. J., & Pascual, U. (2019). Modeling trade-offs across carbon sequestration, biodiversity conservation, and equity in the distribution of global REDD+ funds. *Proceedings of the National Academy of Sciences*, 116(45), 22645-22650. ***This article integrates social (equity) and biophysical (biodiversity conservation and carbon sequestration) elements at the global scale in scenarios of REDD+ distribution to assess the synergies and trade-offs across elements, in the pressing issue of conservation funds distribution.***
- García-Nieto, A.P., Huland, E., Quintas-Soriano, C., Iniesta-Arandia, I., García-Llorente, M., **Palomo, I.**, & Martín-López, B. (2019) Evaluating social learning in participatory mapping of ecosystem services. *Ecosystems and People*, 15(1), 257-268.
- Sitas, N., Harmáčková, Z., Anticamara, J., Arneith, A., Badola, R., Biggs, R., Blanchard, R., Brotons, L., Cantele, M., Coetzer, K., DasGupta, R., Belder, E., Ghosh, S., Guisan, A., Gundimeda, H., Hamann, M., Harrison, P.A., Hashimoto, S., Hauck, J., Klatt, B.J., Kok, K., Krug, R.M., Niamir, A., O'Farrell, P., Okasayu, S., **Palomo, I.**, Pereira, L.M., Riordan, P., Santos-Martín, F., Selomane, O., Shin, Y., & Valle, M (2019) Exploring the usefulness of scenario archetypes in science-policy processes: experience across IPBES assessments. *Ecology and Society*, 24(3).
- Martín-López, B., Leister, I., Cruz, P. L., **Palomo, I.**, Grêt-Regamey, A., Harrison, P. A., Lavorel, S., Locatelli, B., Luque, S., & Walz, A. (2019) Nature's contributions to people in mountains: A review. *PLoS one*, 14(6), e0217847.
- Aldana-Domínguez, J., **Palomo, I.**, Gutiérrez-Angonese, J., Arnaiz-Schmitz, C., Montes, C., & Narvaez, F. (2019) Assessing the effects of past and future land cover changes in ecosystem services, disservices and biodiversity: A case study in Barranquilla Metropolitan Area (BMA), Colombia. *Ecosystem Services*, 37, 100915.
- Zafra-Calvo, N., Garmendia, E., Pascual, U., **Palomo, I.**, Gross-Camp, N., Brockington, D., Cortés-Vazquez, J.A., Coolsaet, B., & Burgess, N.D. (2019). Progress toward Equitably Managed Protected Areas in Aichi Target 11: A Global Survey. *BioScience*, 69(3), 191-197.
- Santos-Martín, F., Zorrilla-Miras, P., **Palomo, I.**, Montes, C., Benayas, J., & Maes, J. (2019). Protecting nature is necessary but not sufficient for conserving ecosystem services: A comprehensive assessment along a gradient of land-use intensity in Spain. *Ecosystem Services*, 35, 43-51
- **Palomo, I.** (2018). Test climate targets using fragile ecosystems. *Nature*, 553(7687), 155-155. ***This commentary argues that the current 1.5 vs. 2°C debate needs a greater focus on sensitive ecosystems such as mountains as they clearly show the differences of subtle temperature variations.***
- **Palomo, I.**, Willemen, L., Drakou, E., Burkhard, B., Crossman, N., Bellamy, C., Burkhard, K., Campagne, C., Dangol, A., Franke, J., Kulczyk, S., Le Clec'h, S., Abdul Malak, D., Muñoz, L., Narusevicius, V., Ottoy, S., Roelens, J., Sing, L., Thomas, A., Van Meerbeek, K., & Verweij, P. (2018). Practical solutions for bottlenecks in ecosystem services mapping. *One Ecosystem*, 3, e20713. ***This article provides a state of the art of the challenges and solutions in the prolific field of ecosystem services mapping, and originates from a session, which I co-coordinated at the International Conference of the Ecosystem Services Partnership in 2016.***
- Langemeyer, J., **Palomo, I.**, Baraibar, S., & Gómez-Baggethun, E. 2018. Participatory multi-criteria decision aid: Operationalizing an integrated assessment of ecosystem services. *Ecosystem Services*, 30, 49-60.

- Turkelboom, F., Leone, M., Jacobs, S., Kelemen, E., García-Llorente, M., Baró, F., Termansen, M., Burton, D.N., Berry, P., Stange, E., Thoonen, M., Kalóczkai, A., Vadineanu, A., Castro, A.J., Czúcz, B., Röckmann, C., Wurbs, D., Odee, D., Preda, E., Gómez-Baggethun, E., Rusch, G., Pastur, G., **Palomo, I.**, Dick, J., Casaer, J., van Dijk, J., Priess, J., Langemeyer, J., Mustajoki, J., Kopperoinen, L., Baptist, M., Peri, P., Mukhopadhyay, R., Aszalós, R., Roy, S., Luque, S., & Rusch, V. (2018). When we cannot have it all: Ecosystem services trade-offs in the context of spatial planning. *Ecosystem Services*, 29, 566-578. *This paper presents an overview of ecosystem services trade-offs resulting from the operationalization of ecosystem services with a compilation of results from 27 case studies. I contributed co-coordinating the Doñana case study by co-designing various ecosystem service related methodologies, and supervising various tasks of two researchers during two years.*
- Dick, J., Turkelboom, F., Woods, H., Iniesta-Arandia, I., Primmer, E., Saarela, S. R., Bezák, P., Mederly, P., Leone, M., Verheyden, W., Kelemen, E., Hauck, J., Andrews, C., Antunes, P., Aszalós, R., Baró, F., Barton, D., Berry, P., Bugter, R., Carvalho, L., Czúcz, B., Dunford, R., Garcia Blanco, G., Geamăna, N., Giucă, R., Grizzetti, B., Izakovičová, Z., Kertész, M., Kopperoinen, L., Langemeyer, J., Montenegro Lapola, D., Liqueste, C., Luque, S., Martínez Pastur, G., Martin-Lopez, B., Mukhopadhyay, R., Niemela, J., Odee, D., Peri, P., Pinho, P., Patrício-Roberto, G., Preda, E., Priess, J., Röckmann, C., Santos, R., Silaghi, D., Smith, R., Vădineanu, A., van der Wal, J., Arany, I., Badea, O., Bela, G., Boros, E., Bucur, M., Blumentrath, S., Calvache, M., Carmen, E., Clemente, P., Fernandes, J., Ferraz, D., Fongar, C., García-Llorente, M., Gómez-Baggethun, E., Gundersen, V., Haavardsholm, O., Kalóczkai, Á., Khalalwe, T., Kiss, G., Köhler, B., Lazányi, O., Lellei-Kovács, E., Lichungu, R., Lindhjem, H., Magare, C., Mustajoki, J., Ndege, C., Nowell, M., Nuss Girona, S., Ochieng, J., Often, A., **Palomo, I.**, Pataki, G., Reinvang, R., Rusch, G., Saarikoski, H., Smith, A., Soy Massoni, E., Stange, E., Vågnes Traaholt, N., Vári, Á., Verweij, P., Vikström, S., Yli-Pelkonen, V., & Zulian, G. (2018). Stakeholders' perspectives on the operationalisation of the ecosystem service concept: results from 27 case studies. *Ecosystem Services*, 29, 552-565.
- Saarikoski, H., Primmer, E., Saarela, S. R., Antunes, P., Aszalós, R., Baró, F., Berry, P., Blanco, G., Gómez-Baggethun, E., Carvalho, L., Dick, J., Dunford, R., Hanzu, M., Harrison, P., Izakovicova, Z., Kertész, M., Kopperoinen, L., Köhler, B., Langemeyer, J., Lapola, D., Liqueste, C., Luque, S., Mederly, P., Niemelä, J., **Palomo, I.**, Pastur, G., Peri, P., Preda, E., Priess, J., Santos, R., Schleyer, C., Turkelboom, F., Vadineanu, A., Verheyden, W., Vikström, S., & Young, J. (2018). Institutional challenges in putting ecosystem service knowledge in practice. *Ecosystem services*, 29, 579-598.
- Jacobs, S., Martín-López, B., Barton, D. N., Dunford, R., Harrison, P. A., Kelemen, E., Saarikoski, H., Termansen, M., García-Llorente, M., Gómez-Baggethun, E., Kopperoinen, L., Luque, S., **Palomo, I.**, Priess, J., Rusch, G., Tenerelli, P., Turkelboom, F., Demeyer, R., Hauck, J., Keune, H., & Smith, R. (2018). The means determine the end—Pursuing integrated valuation in practice. *Ecosystem Services*, 29, 515-528.
- Barton, D. N., Kelemen, E., Dick, J., Martin-Lopez, B., Gómez-Baggethun, E., Jacobs, S., Hendriks, C., Termansen, M., García-Llorente, M., Primmer, E., Dunford, R., Harrison, P., Turkelboom, F., Saarikoski, H., van Dijk, J., Rusch, G., **Palomo, I.**, Yli-Pelkonen, V., Carvalho, L., Baró, F., Langemeyer, J., van der Wal, J., Mederly, P., Priess, J., Luque, S., Berry, P., Santos, R., Odee, D., Pastur, G., García Blanco, G., Saarela, S., Silaghi, D., Pataki, G., Masi, F., Vădineanu, A., Mukhopadhyay, R., & Lapola, D. (2018). (Dis) integrated valuation—Assessing the information gaps in ecosystem service appraisals for governance support. *Ecosystem Services*, 29, 529-541.
- Dunford, R., Harrison, P., Smith, A., Dick, J., Barton, D. N., Martin-Lopez, B., Kelemen, E., Jacobs, S., Saarikoski, H., Turkelboom, F., Verheyden, W., Hauck, J., Antunes, P., Aszalós, R., Badea, O., Baró, F., Berry, P., Carvalho, L., Conte, G., Czúcz, B., Garcia Blanco, G., Howard, D., Giuca, R., Gomez-Baggethun, E., Grizzetti, B., Izakovicova, Z., Kopperoinen, L., Langemeyer, J., Luque, S., Lapola, D., Martinez-Pastur, G., Mukhopadhyay, R., Roy, S., Niemelä, J., Norton, L., Ochieng, J., Odee, D., **Palomo, I.**, Pinho, P., Priess, J., Rusch, G., Saarela, S., Santos, R., van der Wal, J., Vadineanu, A., Vári, Á., Woods, H., & Yli-Pelkonen, V. (2018). Integrating methods for ecosystem service assessment: experiences from real world situations. *Ecosystem Services*, 29, 499-514.
- García-Llorente, M., Harrison, P. A., Berry, P., **Palomo, I.**, Gómez-Baggethun, E., Iniesta-Arandia, I., Montes, C., García del Amo, D., & Martín-López, B. (2018). What can conservation strategies learn

- from the ecosystem services approach? Insights from ecosystem assessments in two Spanish protected areas. *Biodiversity and Conservation*, 27(7), 1575-1597.
- Palomo-Campesino, S., **Palomo, I.**, Moreno, J., & González, J. (2018). Characterising the rural-urban gradient through the participatory mapping of ecosystem services: insights for landscape planning. *One Ecosystem*, 3, e24487.
 - **Palomo, I.** (2017). Climate change impacts on ecosystem services in high mountain areas: A literature review. *Mountain Research and Development*, 37(2), 179-187. ***This paper provides a systematic literature review on climate change impacts on high mountain areas. As such it has provided a wide overview of the topic that will be of great utility for my proposed research.***
 - **Palomo, I.**, Múgica, M., Piñeiro, C., Martín-López, B., Atauri, J., & Montes, C. (2017) Envisioning protected areas through participatory scenario planning: navigating coverage and effectiveness challenges ahead. *Parks*, 23, 29-44.
 - Pascual, U., **Palomo, I.**, Adams, W. M., Chan, K. M., Daw, T. M., Garmendia, E., Gómez-Baggethun, E., De Groot, R., Mace, G., Martín-López, B., & Phelps, J. (2017). Off-stage ecosystem service burdens: a blind spot for global sustainability. *Environmental Research Letters*, 12(7), 075001. ***This paper targets directly the IPBES science-policy process to highlight the need to account for impacts on sustainability across country borders, which was a gap in the IPBES process before. I formed part of the conceptualization of the research idea, and helped in the coordination of the workshop that provided the basis for this publication. I also coordinated the review of circa 20 ecosystem assessments that supported the main argument of this publication.***
 - Martín-López, B., **Palomo, I.**, García-Llorente, M., Iniesta-Arandia, I., Castro, A. J., Del Amo, D. G., Gómez-Baggethun, E., & Montes, C. (2017). Delineating boundaries of social-ecological systems for landscape planning: A comprehensive spatial approach. *Land use policy*, 66, 90-104.
 - Ricaurte, L. F., Olaya-Rodríguez, M. H., Cepeda-Valencia, J., Lara, D., Arroyave-Suárez, J., Finlayson, C. M., & **Palomo, I.** (2017). Future impacts of drivers of change on wetland ecosystem services in Colombia. *Global environmental change*, 44, 158-169. ***This paper consists of the first participatory evaluation of impacts on ecosystem services of various drivers of change on national level in Colombia. I co- designed the participatory methodology used in this work and provided overall supervision of data-analysis and the writing process. Therefore, I appear as the last author.***
 - Gaitán-Cremaschi, D., **Palomo, I.**, Molina, S. B., De Groot, R., & Gómez-Baggethun, E. (2017). Applicability of economic instruments for protecting ecosystem services from cultural agrarian landscapes in Doñana, SW Spain. *Land Use Policy*, 61, 185-195.
 - Zafra-Calvo, N., Pascual, U., Brockington, D., Coolsaet, B., Cortes-Vazquez, J. A., Gross-Camp, N., **Palomo, I.**, & Burgess, N. D. (2017). Towards an indicator system to assess equitable management in protected areas. *Biological Conservation*, 211, 134-141.
 - Lim, M., Lynch, A. J., Fernández-Llamazares, Á., Balint, L., Basher, Z., Chan, I., Jaureguiberry, P., Mohamed, A., Mwampamba, T., **Palomo, I.**, Pliscoff, P., Salimov, R., Samakov, A., Selomane, O., Shrestha, U., & Sidorovich, A. (2017). Early-career experts essential for planetary sustainability. *Current opinion in environmental sustainability*, 29, 151-157.
 - **Palomo, I.**, Felipe-Lucia, M. R., Bennett, E. M., Martín-López, B., & Pascual, U. (2016). Disentangling the pathways and effects of ecosystem service co-production. In *Advances in ecological research* 54, 245-283. Academic Press. ***This work presented the first all-encompassing literature review on the role of humans on the co-production of ecosystem services (nature's contributions to people), highlighting the multiple human-nature connections and their implications for sustainability, resilience and equity.***
 - Baró, F., **Palomo, I.**, Zulian, G., Vizcaino, P., Haase, D., & Gómez-Baggethun, E. (2016). Mapping ecosystem service capacity, flow and demand for landscape and urban planning: A case study in the Barcelona metropolitan region. *Land use policy*, 57, 405-417. ***This paper is the first to provide a systemic framework of ecosystem services capacity, flow and demand that integrates the sustainable use of ecosystem services and how it fulfils human well-being. I designed the conceptual framework "supply-flow-demand" that stands as a Figure in the article and contributed to the selection of methodologies.***

- Oteros-Rozas, E., Martín-López, B., Daw, T. M., Bohensky, E. L., Butler, J. R., Hill, R., Martín-Ortega, J., Quinlan, A., Ravera, F., Ruiz-Mallén, I., Thyresson, M., Mistry, J., **Palomo, I.**, Peterson, G., Plieninger, T., Waylen, K., Beach, D., Bohnet, I., Hamann, M., Hanspach, J., Hubacek, K., Lavorel, S., & Vilarly, S. (2015). Participatory scenario planning in place-based social-ecological research: insights and experiences from 23 case studies. *Ecology and Society*, 20(4).
- Velasco, D., García-Llorente, M., Alonso, B., Dolera, A., **Palomo, I.**, Iniesta-Arandia, I., & Martín-López, B. (2015). Biodiversity conservation research challenges in the 21st century: A review of publishing trends in 2000 and 2011. *Environmental Science & Policy*, 54, 90-96.
- Drakou, E. G., Crossman, N. D., Willemen, L., Burkhard, B., **Palomo, I.**, Maes, J., & Peedell, S. (2015). A visualization and data-sharing tool for ecosystem service maps: Lessons learnt, challenges and the way forward. *Ecosystem services*, 13, 134-140.
- García-Nieto, A. P., Quintas-Soriano, C., García-Llorente, M., **Palomo, I.**, Montes, C., & Martín-López, B. (2015). Collaborative mapping of ecosystem services: The role of stakeholders' profiles. *Ecosystem Services*, 13, 141-152.
- Willemen, L. L. J. M., Burkhard, F., Crossman, N. D., Drakou, E. G., & **Palomo, I.** (2015). Best practices for mapping ecosystem services. *Ecosystem services*, 13, 1-5.
- **Palomo, I.**, Montes, C., Martín-López, B., González, J. A., García-Llorente, M., Alcorlo, P., & Mora, M. R. G. (2014). Incorporating the social–ecological approach in protected areas in the Anthropocene. *BioScience*, 64(3), 181-191. *This highly cited work (174 citations in Google Scholar by December 2019) has set a framework for merging ecological and social considerations in the protection of nature through protected areas. Without such considerations, several limitations would hinder the positive effect of protected areas.*
- **Palomo, I.**, Martín-López, B., Zorrilla-Miras, P., Del Amo, D. G., & Montes, C. (2014). Deliberative mapping of ecosystem services within and around Doñana National Park (SW Spain) in relation to land use change. *Regional environmental change*, 14(1), 237-251.
- **Palomo, I.**, Martín-López, B., Alcorlo, P., & Montes, C. (2014). Limitations of protected areas zoning in Mediterranean cultural landscapes under the ecosystem services approach. *Ecosystems*, 17(7), 1202-1215.
- Moreno, J., **Palomo, I.**, Escalera, J., Martín-López, B., & Montes, C. (2014). Incorporating ecosystem services into ecosystem-based management to deal with complexity: a participative mental model approach. *Landscape ecology*, 29(8), 1407-1421.
- Zorrilla-Miras, P., **Palomo, I.**, Gómez-Baggethun, E., Martín-López, B., Lomas, P. L., & Montes, C. (2014). Effects of land-use change on wetland ecosystem services: A case study in the Doñana marshes (SW Spain). *Landscape and Urban Planning*, 122, 160-174.
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- **Palomo, I.**, Martín-López, B., Potschin, M., Haines-Young, R., & Montes, C. (2013). National Parks, buffer zones and surrounding lands: mapping ecosystem service flows. *Ecosystem Services*, 4, 104-116. *This highly cited paper (258 citations in Google Scholar by December 2019) was the first to show in a spatially explicit manner how protected areas deliver multiple benefits to the surrounding populations.*
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✓ **Blog Posts**

- Over 50 Blog Posts between 2011 and 2022 in the Blog www.lucesdemontana.org which I coordinate.