



MAIN PUBLICATIONS

CHRONOLOGICAL RELATIONSHIP LIST

JANUARY 2022

.....
List of the main publications of
all ENT members in different
journals classified by areas
.....





ECONOMICS & ENVIRONMENT



Peñuelas, J., Germain, J., Álvarez, E., Aparicio, E., Arús, P., Basnou, C., Blanché, C., Bonada, N., Canals, P., Capodiferro, M., Puig, I., et al. (2021) Impacts of Use and Abuse of Nature in Catalonia with Proposals for Sustainable Management. *Land*, 10: 144.

Freire-González, J. (2020) Pandemics and the environmental rebound effect: reflections from COVID-19. *Environmental and Resource Economics*, 76: 447-517.

Pagiola, S., Honey-Rosés, J., & Freire-González, J. (2020) Assessing the Permanence of Land-Use Change Induced by Payments for Environmental Services: Evidence From Nicaragua. *Tropical Conservation Science*. <https://doi.org/10.1177/1940082920922676>

Flavia Pantalena, A., De Oliveira Soares, M., Campos Rodrigues, L. (2020) Divers perceptions and implications for sustainable tourism management in the Ceará State Coast, Brazil. *Arquivos de Ciências do Mar*, 52 (2): 36-51.

Puig Ventosa, I., Campos Rodrigues, L., Chifari, R. "Taxes on Air Pollution in Spain", p. 315-336, in Villar Ezcurra, M., Cámara Barroso, C. (Eds.) (2019) *Environmental Tax Studies for the Ecological Transition*. Civitas - Thomson Reuters.

Freire-González, J. (2019) Does Water Efficiency Reduce Water Consumption? The Economy-Wide Water Rebound Effect. *Water resources Management*, DOI: 10.1007/s11269-019-02249-0

Freire-González, J. & Ho, M. S. (2019) Carbon taxes and the double dividend hypothesis in a recursive-dynamic CGE model for Spain. *Economic Systems Research*, DOI: 10.1080/09535314.2019.1568969

Freire-González, J., Decker, C. A., Hall, J. W. (2018) A Linear Programming Approach to Water Allocation during a Drought. *Water*, 10 (4), 363.

Freire-González, J., Ho, M. (2018) Environmental Fiscal Reform and the Double Dividend: Evidence from a Dynamic General Equilibrium Model. *Sustainability*, 10 (2), 501.

Freire-González, J. (2017) Environmental taxation and the double dividend hypothesis in CGE modelling literature: a critical review. *Journal of Policy Modeling*, 40 (1): 194-223.

Puig-Ventosa, I., & Sastre Sanz, S. (2017) An exploration into municipal waste charges for environmental management at local level: The case of Spain. *Waste Management & Research*, 35 (11): 1159-1167.

Freire-González, J., Decker, C. Hill, J. (2017) A scenario-based framework for assessing the economic impacts of potential droughts. *Water Economics and Policy*, Volume 03, Nº 4.

Freire-González, J., Decker, C., J. W. Hall (2016) The Economic Impacts of Droughts: A Framework for Analysis. *Ecological Economics*, 132: 196-204.

Freire-González, J., Puig-Ventosa, I. (2016) Effects of the hydraulic infrastructure on economic growth: evidence from Catalonia. *Sustainable Water Resources Management*, 2: 199-206.

Puig, I., Meyer, E., Jofra, M., Calaf, M. "Developments and opportunities for an ecological tax reform in Spain", p. 208-220, in Kreiser, L., Andersen, M., Olsen, B., Speck, S., Milne, J., Ashiabor, H. (Ed.) (2015) *Carbon Pricing: Design, Experiences and Issues*. Critical Issues in Environmental Taxation series. Volume XV.



Puig Ventosa, I. (2014) Spain: New tax on greenhouse fluorinated gases. Green Budget News, 32.

González, A.C., Walter, M., Brun, J., Pérez Manrique, P., Ortega, M., Martínez Alier, J. (2012) The weight of building materials in the social metabolism of Spain and conflicts on quarries. Conference "RESPONDER. Sustainable Housing": 28-30. Barcelona.

Puig Ventosa, I., González, A.C., Jofra Sora, M., "Landfill and waste incineration taxes in Catalonia, Spain", p. 244-257, in (2012) Kreiser, L., Yábar, A., Herrera, P., Milne, J. E., Aishabor, H. (Eds.) Green Taxation and Environmental Sustainability. Critical Issues in Environmental Taxation, Volume XII.

Freire González, J. (2011) Assessing the Macroeconomic Impact of Water Supply Restrictions through an Input-Output Analysis. Water Resources Management, Vol. 25, 9: 2335-2347.

Russi, D., Corbera, E., Puig Ventosa, I., Cazorla-Clariso, X. (2011) Payment for Ecosystems Services in Catalonia, Spain. A review of experience and potential applications. Spanish Journal of Rural Development, Vol. II, Special Issue 1: 87-100.

Puig Ventosa, I. "R&D and Environmental Investments Tax Credits in Spain", annex E p. 197-208, in (2010) Taxation, Innovation and the Environment, OECD.

Puig Ventosa, I. "The unsustainable dependence of Spanish Local Treasuries on taxes and charges related to construction activities", p. 661-679, in Cottrell, J., Milne, J.E., Ashiabor, H., Kreiser, L., Deketelaere, K. (2009) Critical Issues in Environmental Taxation. International and Comparative Perspectives. Vol. VI. Oxford University Press.

Puig Ventosa, I. (2008) Taxation, Innovation and the Environment-The Spanish Case. Organisation for Economic Co-operation and Development (OECD).

Cañellas, S., González, A.C., Puig, I., Russi, D., Sendra, C., Sojo, A. (2004) Material Flow Accounting of Spain. International Journal of Global Environmental Issues, Vol. 4, N^o. 4: 229-241.



WASTE



Freire-Gonzalez, J., Martinez-Sanchez, V., Puig-Ventosa, I. (2022) Tools for a circular economy: Assessing waste taxation in a CGE multi-pollutant framework. *Waste Management* 139: 50-59.

Martinez Sanchez, V., Sastre Sanz, S. and Puig Ventosa, I., Review of economic and socio-economic studies on recycling topics, Publications Office of the European Union, Luxembourg, 2021, ISBN 978-92-76-41936-5, doi:10.2760/041884, JRC126384.

Torrente-Velásquez, J.M., Ripa, M., Chifari, R., Bukkens, S., Giampietro, M., (2020). A waste lexicon to negotiate extended producer responsibility in free trade agreements. *Resources, Conservation and Recycling*. 156, 104711.

Torrente-Velásquez, J. M., Chifari, R., Ripa, M., Giampietro, M. (2019) Robust information for effective municipal solid waste policies: Identifying behaviour of waste generation across spatial levels of organization. *Waste Management*, 103: 208-217.

Torrente, J. M., Giampietro, M., Ripa, M., Chifari, R. (2019) Landfill reactions to society actions: The case of local and global air pollutants of Cerro Patacón in Panama. *Science of The Total Environment*, 135988.

Rodrigues, L. C., Puig-Ventosa, I., López, M., Martínez, F. X., Ruiz, A. G., & Bertrán, T. G. (2019) The impact of improper materials in biowaste on the quality of compost. *Journal of Cleaner Production*, 119601.

Puig, I. (2019) The Concept of Generalised Extended Producer Responsibility (GEPR). *EcoMENA*, 17 September.

Saleh, D., Salova, M., Bulbena, B., Loderus, T., Calaf, M., Puig, I. (2019) User identification for municipal waste collection in high-density contexts. *ENT environment & management - UPC*.

Faraca, G., Martínez, V., Astrup, T. (2019) Environmental life cycle cost assessment: Recycling of hard plastic waste collected at Danish recycling centres. *Resources, Conservation & Recycling*, 143: 299-309.

Blikra, E., Martinez-Sanchez, V., Thomsen, M. (2018) A Review of Waste Management Decision Support Tools and Their Ability to Assess Circular Biowaste Management Systems. *Sustainability*, 10(10), 3720.
Weber, G., Cabras, I., Calaf, M., Puig, I., D'Alisa, G. (2019) Promoting Waste Degrowth and Environmental Justice at a Local Level: The Case of Unit-Pricing Schemes in Spain. *Ecological Economics*, 156: 306-317.

Weber, G., Calaf, M., Puig, I., D'Alisa, G. (2018) The role of environmental organisations on urban transformation: The case of waste management in Esporles (Mallorca). *Journal of Cleaner Production*, Volume 195: 1546-1557.

Chifari, R., Renner, A., Lo Piano, S., Ripa, M., Bukkens, S., Giampietro, M. (2017) Development of a municipal solid waste management decision support tool for Naples, Italy. *Journal of Cleaner Production*, DOI:10.1016/j.jclepro.2017.06.074.

Martinez-Sanchez, V., Levis, J.W., Damgaard, A., DeCarolis, J. F., Barlaz, M. A., Astrup, T. F. (2017) Evaluation of Externality Costs in Life-Cycle Optimization of Municipal Solid Waste Management Systems. *Journal of Environmental Science and Technology*, DOI: 10.1021/acs.est.6b06125.



Puig-Ventosa, I., Jofra-Sora, M., Freire-González, J. (2015) Prevention of Waste from Unsolicited Mail in Households: Measuring the Effect of Anti-advertising Stickers in Barcelona. *Journal of Material Cycles and Waste Management*. Vol. 17(3): 496-503.

Calaf Forn, M., Puig Ventosa, I., Roca Jusmet, J. (2014) Cap and Trade Schemes on Waste Management: A Case Study on the Landfill Allowance Trading Scheme (LATS) in England. *Waste Management*: 919-928.

Colón, J., Mestre-Montserrat, M., Puig-Ventosa, I., Sánchez, A. (2013) Performance of compostable baby used diapers in the composting process with the organic fraction of municipal solid waste. *Waste Management*, 33: 1097-1103.

Jofra Sora, M., Puig Ventosa, V. (2013) Incineration overcapacity and waste shipping in Europe: the end of the proximity principle. *Global Alliance for Incinerator Alternatives (GAIA)*.

Puig Ventosa, I., Jofra Sora, M. "Economic instruments for waste management", chapter 4.4, in (2013) "Handbook on Alternative Waste Management Schemes". *ZeroWaste*.

Puig-Ventosa, I., Freire-González, J., Jofra-Sora, M. (2013) Determining factors for the presence of impurities in selectively collected biowaste, *Waste Management and Research*, 31: 510-517.

Calaf Forn, M., Puig Ventosa, I. (2012) "A Catalan residence for elderly people tests reusable nappies". *Recueil des Interventions. 1ères Rencontres européennes de la prévention des déchets*. ADEME (Agence de l'Environnement et de la Maîtrise de l'Energie). Paris.

Font Vivanco, D., Puig Ventosa, I., Gabarrell Durany, X. (2012) Building waste management core indicators through Spatial Material Flow Analysis: Net recovery and transport intensity indexes. *Waste Management*, 32: 2496-2510.

Puig Ventosa, I., Jofra Sora, M. (2012) Recent update of landfill and waste incineration taxes in Catalonia. *Green Budget News*, 30: 23.

Colón, J., Ruggieri, L., Sánchez, A., González, A., Puig, I. (2011) Possibilities of composting disposable diapers with municipal solid wastes. *Waste Management & Research*, 29: 249-529.

Puig Ventosa, I., Calaf Forn, M., Mestre Montserrat, M. (2010) Guide for the Implementation of Pay-As-You-Throw Systems for Municipal Waste. *Agència de Residus de Catalunya*.

Puig Ventosa, I. (2008) Charging systems and PAYT experiences for waste management in Spain. *International Journal of Integrated Waste Management, Science and Technology*, 28: 2767-2771.

Puig Ventosa, I. "Fee and rebate systems to foster Ecological Sound Urban waste Management", p. 527-533, in Cavaliere, A., Ashiabor, H., Deketelaere, K., Kreiser, L., Milne, J. (Eds.) (2006) *Critical Issues in Environmental Taxation: International and Comparative Perspectives*. Vol. 3. Richmond Law & Tax.

Puig Ventosa, I. (2004) Potential use of feebate systems to foster environmentally sound urban waste management. *International Journal of Integrated Waste Management*, 24: 3-7.



ENERGY & CLIMATE CHANGE



Font, D., Nechifor, V., Freire, J., Calzadilla, A. (2021) Economy-wide rebound makes UK's electric car subsidy fall short of expectations. *Applied Energy*, 297, 117138.

Freire-González, J. (2021) Governing Jevons' Paradox: Policies and Systemic Alternatives to Avoid the Rebound Effect. *Energy Research & Social Science*, 72, 101893.

Vélez Henao, J. A., García Mazo, C. M., Freire González, J., Font Vivanco, D. (2020) Environmental rebound effect of energy efficiency improvements in Colombian households. *Energy Policy*, 145, 111697.

Freire-González, J. (2019) Energy taxation policies can counteract the rebound effect: Analysis within a general equilibrium framework. *Energy Efficiency*, November: 1-10.

Freire-González, J., Puig-Ventosa, I. (2018) Reformulating taxes for an energy transition. *Energy Economics*, 78: 312-323.

Campos Rodrigues, L., Freire González, J., González Puig, A., Puig Ventosa, I. (2017) Climate Change Adaptation of Alpine Ski Tourism in Spain. *Climate*, 6 (2): 29.

Freire-González, J., Font-Vivanco, D. (2017) The influence of energy efficiency on other natural resources use: An input-output perspective. *Journal of Cleaner Production*, DOI: 10.1016/j.jclepro.2017.06.050.

Freire-González, J. (2017) A new way to estimate the direct and indirect rebound effect and other rebound indicators. *Energy*, 128: 394-402.

Freire-González, J., Font-Vivanco, D., Puig-Ventosa, I. (2016) Economic structure and energy savings from energy efficiency in households. *Ecological Economics*, 131: 12-20.

Weber, G., Puig Ventosa, I. "Climate Change and Adaptation in Rural Areas: An Integrated Case Study of Winter Tourism and Mountain Agriculture in the Catalan Pyrenees", cap. 17, p. 375-390, in Kastenholz, E., Carneiro, M. J., Eusébio, C., Figueiredo, E. (2016) Meeting Challenges for Rural Tourism through Co-Creation of Sustainable Tourist Experiences. Cambridge Scholars Publishing.

Freire-González, J., Puig-Ventosa, I. (2015) Energy Efficiency Policies and the Jevons Paradox. *International Journal of Energy Economics and Policy*, Vol. 5, Núm. 1: 69-79.

Font Vivanco, D., Freire-González, J., Kemp, R., Van der Voet, E. (2014) The Remarkable Environmental Rebound Effect of Electric Cars: A Microeconomic Approach. *Environmental Science & Technology*, 48 (20): 12063-12072.

Freire González, J. "The effects of energy-saving technological change on energy consumption: assessing the rebound effect", p. 667-676, in Ramos-Martín, J., Giampietro, M., Ulgiati, S., Bukkens, S.G.F. (Eds) (2011) Can we break the addiction to fossil energy?. 7th Biennial International Workshop Advances in energy studies 2010.

Freire González, J. (2011) Methods to empirically estimate direct and indirect rebound effect of energy-saving technological changes in households. *Ecological Modelling*, 223: 32-40.

Freire González, J. (2010) Empirical evidence of direct rebound effect in Catalonia. *Energy Policy*, 38: 2309-2314.

Puig, I., Roca, J., Tello, E., Esquerrà, J. (2002) Greening local taxes in Barcelona to foster energy efficiency. Proceedings to the 3rd Biennial International Workshop Advances in Energy Studies. Reconsidering the importance of Energy, in Ulgiati, S. (Ed.): 535-539.



MARINE AREA



Bastari, A., Mascarell, Y., Ortega, M., Coll, M. (2022) Local fishers experience can contribute to a better knowledge of marine resources in the Western Mediterranean Sea. *Fisheries Research*, 247, 106222.

Coll, M., Ortega-Cerdà, M., Mascarell-Rocher, Y. (2021) Ecological and economic effects of COVID-19 in marine fisheries from the Northwestern Mediterranean Sea. *Biological Conservation*, Volume 255, 108997.

Ertör, I., Ortega-Cerdà, M. (2018) The expansion of intensive marine aquaculture in Turkey: The next-to-last commodity frontier? *Journal of Agrarian Change*; 1-24. <https://doi.org/10.1111/joac.12283>

Ertör, I., Ortega-Cerdà, M. (2017) Unpacking the objectives and assumptions underpinning European aquaculture. *Environmental Politics*, 26. DOI: 10.1080/09644016.2017.1306908

Sbragaglia, V., Sagué, O., Gordoia, A., Pérez, S., Chaparro, L., Pulido, A., Terol, R., Giroud, V. (2016) The Barcelona agreement: a manifesto towards the spearfishing of the future. *Scientia Marina*, 80 (3): 423-426.

Rodrigues, L.C., van Den Bergh, J.C.J.M., Loureir, M.L., Nunes, P.A.L.D., Rossi, S. (2016) The Cost of Mediterranean Sea Warming and Acidification: A Choice Experiment Among Scuba Divers at Medes Islands, Spain. *Environmental and Resource Economics*. Vol. 63, Issue 2: 289-311.

Rodrigues, L.C., van den Bergh, J.C.J.M., Massa, F., Theodorou, J.A., Ziveri, P., and Gazeau, F. (2015) Sensitivity of Mediterranean Bivalve Mollusc Aquaculture to Climate Change, Ocean Acidification and Other Environmental Pressures: Findings from a Producers' Survey". *Journal of Shellfish Research* 34 (3): 1161-1176.

Chaparro Elias, L. (2015) Making the Common Fisheries Policy a reality means ending overfishing. *Parliament Magazine*, 421: 25.

Tomlinson, B., Maynou, F., Sabatés, A., Fuentes, V., Canepa, A., Sastre, S. (2015) Systems approach modelling of the interactive effects of fisheries, jellyfish and tourism in the Catalan coast. *Estuarine, Coastal and Shelf Science*, 201: 198-207.

Nunes, P.A.L.D., Loureiro, M.L., Piñol, L., Sastre, S., Voltaire L., Canepa, A. (2015) Analyzing Beach Recreationists' Preferences for the Reduction of Jellyfish Blooms: Economic Results from a Stated-Choice Experiment in Catalonia, Spain. *PLoS ONE* 10(6): e0126681. doi:10.1371/journal.pone.0126681

Ertor, I., Ortega, M. (2014) Political lessons from early warnings: Marine finfish aquaculture conflicts in Europe. *Marine Policy*, Vol. 51: 202-210.



POLITICAL ECOLOGY



Badal, M., Binimelis, R., Gamboa, G., Guadalupe, Heras, M., Ortega, M., Tendo, G. (2014) Adapting established instruments to build useful food sovereignty indicator. Development Studies Research: An Open Access Journal, November: 324-339.

Ortega, M., Rivera-Ferre, M., Baumgärtner, J. (2013) Rethinking study and management of agricultural systems for policy design. Sustainability 2013, 5: 3838-3875.

Rivera-Ferre, M., Ortega, M. (2011) Recognising ignorance in decision-making. EMBO Reports, 12: 393-397.

Rivera-Ferre, M., Ortega, M. (2010) Large discrepancies between agricultural outlook prediction and real trends. Innovation and Sustainable Development in Agriculture and Food. ISDA, France.

Ortega Cerdà, M. (2005) Sustainability indicators as discursive elements. European Meeting of Ecological Economics. Lisboa.

The journal **“Ecología Política”** is a magazine in Spanish that every six months reflects the international debate around existing ecological issues, with special emphasis on environmental conflicts. Reference for activists and academics in the field of the environment in Spain and Latin America since its creation in 1991, since 2013 is published by ENT Foundation and Icaria editorial.

ecologíaPolítica
Cuadernos de debate internacional



MORE INFORMATION

If you want more information about our publications or you are interested in the content of a particular article, please send an email to info@ent.cat



ENT
C/ Josep Llanza 1-7, 2n 3a
08800 Vilanova i la Geltrú
info@ent.cat
www.ent.cat

 [@ENTmediambient](https://twitter.com/ENTmediambient)
 [ENTmediambient](https://www.facebook.com/ENTmediambient)
 [ENT Environment & Management](https://www.youtube.com/ENTEnvironment&Management)
 [ENT environment & management](https://www.linkedin.com/company/ENTenvironment&management)
