

LUÍS CAMPOS RODRIGUES

Member of ENT since April 2015

Consultant, researcher and coordinator of projects in the areas of economics and the environment, and energy and climate change



EDUCATION

- 2016. PhD in Environmental Science and Technology. Specialisation in Ecological Economics. Title of the thesis: "Economics of Ocean Acidification and Sea Warming in the Mediterranean". Institute of Environmental Science and Technology (ICTA), Autonomous University of Barcelona (UAB), Spain.
- 2010. Master in Sustainability. Specialisation in Policy Evaluation. UNESCO Chair of Sustainability - Technical University of Catalonia (UPC), Spain.
- 2006. Degree in Economics. Specialisation in Economic and Regional Development. University of Trás-os-Montes and Alto Douro (UTAD), Portugal.
- 2004 - 2005. Erasmus Program in Economics. Public University of Navarra, Spain.



PREVIOUS EXPERIENCE

- October 2011 - July 2014. Institute of Environmental Science and Technology (ICTA), Autonomous University of Barcelona (UAB), Spain. Member of the EU FP7 Project "Mediterranean Sea acidification in a changing climate (MedSeA)".
- April 2009 - December 2012. Member of the board of the association Barrinar cap a la Sostenibilitat, Barcelona, Spain. Participation in projects focused on the promotion of sustainable local food systems.
- July 2006 - September 2007. Centre for Transdisciplinary Development Studies (CETRAD), University of Trás-os-Montes and Alto Douro, (UTAD), Portugal. Participation in various national and EU projects in the field of Economic and Regional Development.



MOST RELEVANT AREAS OF EXPERTISE

- Environmental and ecological economics.
- Economic impact and adaptation and mitigation strategies in the context of climate change, including nature-based solutions (NbS).
- Socioeconomic impact of environmental measures and policies.
- Ecosystem services assessment.



MAIN PROJECTS

- Consulting services for improving the tax on waste disposal and incineration in the Basque Country. IHOBE | 2025 - 2026.
- Bridging prEvention And preparedness in ciVil protEction with adaptation through inclusive proximity Resilience actions (BEAVER). European Commission | 2025 - 2026.
- Report on the potential for green job creation based on demand for native wood species for the construction market. Forestry Consortium of Catalonia | 2025.

- Statistical analysis on the presence of heavy metals in the Besòs-Tordera Consortium's WWTPs. Besòs-Tordera Consortium | 2024 - 2025.
- Analysis of the socio-economic impact of the LIFE Biorgest project. XCN | 2023.
- LIFE BIOBEST - LIFE-2021-PREP-NATURA. European Commission | 2022 - 2025.
- Technical assistance to AIReF for the development of the study on public spending related to urban waste management. AIREF | 2023 - 2022.
- Analysis services of the socio-economic impact of the LIFE TRITÓ MONTSENY project (Nº LIFE15 NAT/ES/000757). Barcelona Provincial Council | 2022-2023.
- Review of the Urola Kosta Climate Change Adaptation Plan. Izadi 21 | 2021 - 2022.
- Technical assistance to assess the socioeconomic impact generated by the development of the Protection Plan for the Cadí - Moixeró Natural Park. Department of Environment and Housing, Government of Catalonia | 2021 - 2022. [Coordination]
- Statistical analysis on the presence of heavy metals in the Sant Feliu de Llobregat treatment plant. Catalan Waste Agency | 2021 - 2022. [Coordination]
- Analysis of the presence of heavy metals at the Gavà-Viladecans WWTP using a predictive model. Barcelona Metropolitan Area | 2021 - 2022. [Coordination]
- Review of the Urola Kosta Climate Change Adaptation Plan. Izadi 21 | 2021. [Coordination]
- Smart Control of the Climate Resilience in European Coastal Cities (SCORE). European Commission | 2021-2025. [Coordination of the work package "Socio-economic assessment of adaptation strategies and policy recommendations"]
- Study on the economic repercussions of various environmental measures in the municipal ordinances of Granollers. Granollers City Council | 2020.
- Statistical modelling of the presence of heavy metals in sewage sludge. Catalan Waste Agency (ARC) and Consortium Besòs-Tordera | 2019 - 2020.
- Analysis of nature-based solutions for a climate change adaptation strategy in the municipalities of the Barcelona province. Barcelona Provincial Council | 2019 - 2020. [Coordination]
- Development of a questionnaire for the assessment of the costs of marine litter management in Mediterranean beaches -BLUEISLANDS project. Universitat Autònoma de Barcelona | 2019. [Coordination]
- Methodological proposal corresponding to action D.5.: Socioeconomic evaluation of the LIFE BIORGEST project. XCN | 2019.
- Socioeconomic analysis of land stewardship in Spain. Funded by Fundación Biodiversidad | 2018 - 2019.
- Methodological proposal for the analysis of the socioeconomic impact of the project LIFE Tritó Montseny in the period 2017-2020. Commissioned by the Barcelona Provincial Council | 2017 - 2018.
- Analysis of the benefits associated with the implementation of the Strategy of the Natural Heritage and Biodiversity of Catalonia. Commissioned by INSTA Jurídica | 2017.
- NATURVATION - H2020 Nature based Urban Innovation. Commissioned by the European Commission. ENT is part of the Consortium led by Durham University | 2016 - 2021.
- Linking Biodiversity to National Economic and Social Priorities in the EU State Members. Commissioned by the DG - ENV from European Commission. ENT is part of the Consortium led by the Institute for European Environmental Policy (IEEP) | 2015 - 2017.

- Capacity building, programmatic development, and communication in the field of environmental taxation and budgetary reform. Commissioned by the Institute for European Environmental Policy (IEEP) | 2015 - 2017.
- Climate change adaptation in urban coastal areas with high population density and touristic and cultural relevance in Spain. Funded by Fundación Biodiversidad | 2016 - 2017.
- Feasibility study for the implementation of a selective waste collection of organic fractions. Commissioned by the Zaragoza City Council | 2016.
- A Comprehensive Review of Gaps and Weaknesses and Key Priority Areas for Improvement in the EU Waste Statistics. Project for DG Environment under Framework ENV.C.2/FRA/2013/0023, developed with Eunomia (lead partner) and Ekokonsultacijos | 2016.
- Statistical modelling of the incidence from impurities of organic fraction of municipal solid waste on the quality of obtained compost. Commissioned by the Catalan Waste Agency (ARC) | 2015.
- Costs and benefits of climate change adaptation in winter tourism in Spain. Funded by Fundación Biodiversidad | 2015.
- Municipal waste compliance-promotion exercise 2014-2015. ENT was responsible for the case studies developed for Spain and Portugal. This work is done for Eunomia under Framework Contract ENV.C.2/FRA/2013/0023 with the European Commission | 2015.



MAIN PUBLICATIONS

- Campos Rodrigues, L., Riera-Spiegelhalder, M., Navarro, F., Mocali, R., Brandini, C., Bondoni, M., Caparrini, F., Figueiredo, R., Rangel, R., Ceresa, P., Jorda-Capdevila, D. (2026). Hybrid adaptation to urban riverine floods: a cost-benefit analysis in Vilanova i la Geltrú (Spain). *Critical Insights in Climate Change*, 2(1).
- Tiwari, A., Rodrigues, L. C., Caruso, R., Ensenado, E. M., Makousiari, E., & Gharbia, S. (2025). Multi-criteria analysis of ecosystem-based adaptation strategies for flood risk reduction in Irish, Italian, and Turkish Coastal City Living Labs. *Sustainable Futures*, 10, 101506.
- Riera, M., Ferrandis, A., Campos, L. (2025) Assessment framework to assist ecosystem-based adaptation implementation at local level: evidence from Spain and Portugal. *Global Sustainability*, Volume 8. Cambridge University Press. <https://doi.org/10.1017/sus.2025.10023>.
- Tiwari, A., Campos Rodrigues, L., Nalukurthi, S., Gharbia, S. (2025) Public perceptions of climate risks, vulnerability, and adaptation strategies: Fuzzy cognitive mapping in Irish and Spanish living labs. *Environmental and Sustainability Indicators*: Volume 26, June 2025, 100678.
- Riera-Spiegelhalder, M., Campos Rodrigues, L., & Ferrandis Martínez, A. (2025) A Multicriteria Analysis to Integrate Stakeholder Perceptions of Ecosystem-Based Flood Adaptations in Coastal Urban Areas. *Documents d'Anàlisi Geogràfica*, 71(1): 153-179.
- Riera, M., Campos, L. et al. (2023) Socio-Economic Assessment of Ecosystem-Based and Other Adaptation Strategies in Coastal Areas: A Systematic Review. *Marine Science Engineering*. Volume 11, Issue 2: 319.
- Tiwari, A., Campos, L., Lucy, F. E., Gharbia, S. (2022) Building Climate Resilience in Coastal City Living Labs Using Ecosystem-Based Adaptation: A Systematic Review. *Sustainability*, 14(17), 10863.
- Campos Rodrigues L., Puig-Ventosa I., Rubio Castillejo M. A., Aquiló Martos P., Pous Alo M., Batlló Fígols G., Latres Simó S. (2021) Análisis estadístico, seguimiento y prevención de

la presencia de metales pesados en las depuradoras de Granollers, La Llagosta y Montornès del Vallès. Tecnoaqua, 51 – Septiembre-Octubre 2021: 54-58.

- Sekulova, F., Baró, F., Campos Rodrigues, L., Llabrés, A. (2020) Les solucions basades en la natura en l'àmbit municipal. Diputació de Barcelona, Eines, Medi Ambient.
- 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.
- 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 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.
- Campos Rodrigues L., Freire-González J., González Puig A., Puig-Ventosa I. (2018). Climate Change Adaptation of Alpine Ski Tourism in Spain. Climate 2018, 6, 29.
- Campos Rodrigues, L., Puig, I., García, A., Guerrero, T., López, M., Martínez, F. X. (2017) Incidencia de los improprios sobre la calidad del compost producido en las plantas de Cataluña. RETEMA, 197, 48-54.
- Rodrigues, L. M. C., & Puig Ventosa, I. (2016). Adaptación al Cambio Climático de Zonas Urbanas Costeras con Elevada Densidad de Población e Interés Turístico y Cultural en España. Estudios Turísticos, (210), 9-27.
- Campos Rodrigues L.M., Freire-González J., González Puig A., Puig-Ventosa I. (2016). Costes y beneficios de la adaptación al cambio climático en el sector del turismo de nieve en España. Revista Ambients 114: 96-108.
- Rodrigues L.C., van den Bergh J.C.J.M., Loureiro M., Nunes P., and S. Rossi (2016). The cost of Mediterranean Sea warming and acidification: a choice experiment among scuba divers at Medes Islands, Spain. Environmental and Resource Economics 63, Issue 2: 289-311.
- Rodrigues L.C., van den Bergh J.C.J.M., Massa F., Theodorou J.A., Ziveri P., and F. Gazeau (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.
- Rodrigues L.C., van den Bergh J.C.J.M., and A. Ghermandi (2013). Socio-economic impacts of ocean acidification in the Mediterranean Sea. Marine Policy 38: 447-456.



MAIN ATTENDED COURSES

- Cost-benefit analysis - Economic evaluation of public policies and investment projects. Institute of Fiscal Studies (Instituto de Estudios Fiscales, IEF). November 2024 (Online course).
- Intensive course on Environmental Valuation. 4 - 8 July 2011. University of Trás-os-Montes and Alto Douro, (UTAD), Portugal.



MAIN CONTRIBUTIONS IN COURSES, CONFERENCES AND SEMINARS

- VIII Conference Governance of the Garraf Coast (*Jornada Governança del litoral del Garraf*) — Adaptation to climate change in coastal areas: challenges and solutions. Speaker in Block II "Exchange of experiences of coastal cities to address adaptation to climate change — Nature-based solutions". Vilanova i la Geltrú. May 2025.

- Course "Local environmental taxation on climate change: waste, energy and sustainable mobility". Barcelona Provincial Council | 2023.
- Speaker at the summer course of the University of the Basque Country (UPV/EHU) "La naturalización del entorno urbano e industrial" (The naturalization of the urban and industrial environment), with the session: "Soluciones basadas en la naturaleza, la nueva herramienta urbana" (Nature-based solutions, the new urban tool). Bilbao. July 2022.
- X Conference on the management and treatment of sludge from the WWTP, with the presentation: "Anàlisi estadística, seguiment i prevenció de la presència de metalls pesants a les depuradores de Granollers, La Llagosta i Montornès del Vallès" (Statistical analysis, monitoring, and prevention of the presence of heavy metals in the treatment plants of Granollers, La Llagosta and Montornès del Vallès). University of Barcelona. November 2021.
- Speaker at the course "Fiscalitat ambiental local sobre canvi climàtic, energia i mobilitat sostenible" (Local environmental taxation on climate change, sustainable energy, and mobility), with the session: "Instruments de fiscalitat ambiental local" (Instruments for local environmental taxation). Barcelona Provincial Council. May 2019.
- Union Seminar on Climate Change "El món del treball davant el repte de l'adaptació" (Employment and the challenge of adaptation to climate change), with the presentation: "Oportunitats d'ocupació en el sector turístic amb l'adaptació al canvi climàtic" (Employment opportunities in the tourism sector with the adaptation to climate change). Barcelona, Spain. April 2019.
- 14th edition of National Congress on the Environment (Conama), with the presentation: "H2020 Project Naturvation - Urban Nature Atlas". Madrid, Spain. November 2018.
- Annual conference of the "Xarxa de Custòdia del Territori (XCT)" (Land Stewardship Network) and "Xarxa de Voluntariat Ambiental de Catalunya (XVAC)" (Environmental Volunteer Network of Catalonia) 2018, with the presentation: "Análisis socioeconómico de la custodia del territorio en España" (The socioeconomic analysis of land stewardship in Spain). Barcelona, Spain. November 2018.
- Regional workshop "Human impacts on Mediterranean marine ecosystems and the economy", with the presentation "Case studies on the North coast of the Mediterranean Sea". Monaco. October 2017.
- VII AERNA conference, with the presentation: "Sensitivity of Mediterranean bivalve mollusc aquaculture to climate change, ocean acidification and other environmental pressures: findings from a producers' survey." Aveiro, Portugal. September 2016.
- V AERNA conference, with the presentation: "A conceptual framework for studying the socio-economic impacts of ocean acidification in the Mediterranean Sea". Faro, Portugal. May -June 2012.
- Congress "Creativity and crisis of the local community", with the presentation: "Shaping sustainable communities through the promotion of strong and diverse local economies - the case of the catalan village of Corbera de Llobregat's food system". Terni, Italy. March 2010.
- Co-author of the article: "Sustainability in the human development cooperation projects - application of the methodologies of backcasting and human development models", Gallis, H.; Alonso, J. & Campos Rodrigues, L., presented in the "II Congress Sustainable UPC 2015 - The research in sustainability: present state and future challenges". Barcelona, Spain. July 2009.
- "International seminar on sustainable innovation - organizations" and "International seminar on sustainable innovation - technology". Member of the winning group of the best scientific poster: "Transports metropolitans de Barcelona 2030: ambassador of Sustainability". Barcelona, Spain. February and June, 2008.

- Seminar “Promotion of the local economy – assessing the potential for job creation through extensive training and qualification”, with the presentation “The potential of human development in the National Strategic Reference Framework 2007-2013”. Alfândega da Fé, Portugal. June 2007.

A^a | LANGUAGES

- Portuguese
- English C1
- Catalan B2
- Spanish C1