

CV Olazabal, Marta



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Short Bio

I am a Research Fellow at the Basque Centre for Climate Change (BC3) where I lead the Adaptation Research Group. I have a background on Environmental Engineering (Bsc 2004, MSc 2009, School of Engineering of Bilbao) and a PhD on Land Economy (University of Cambridge, 2015). I moved to BC3 after working 8 years in research and consultancy. I have undertaken international scientific stays in Germany (IÖR, Dresden - 2005), The Netherlands (IVAM, Amsterdam - 2006), United Kingdom (University of Newcastle – 2010, Univ. Southampton – 2018), Canada (McGill University - 2016) and Portugal (Universidade Nova, CENSE, May 2019). In 2011, I co-founded and chaired the Urban Resilience Researchers Network (URNet) until 2019. I contributed to the foundation of IPAM (International Platform on Adaptation Metrics), where I chair the Committee on Cities and represent BC3 in the Steering Committee. I am contributing author of the IPCC AR6 and reviewer of the Adaptation Gap Report 2021. My scientific production includes more than 60 scientific contributions in a diversity of peer-reviewed journals and other broader audience outlets. I am interested in urban sustainability and climate governance, creating and applying usable knowledge in systems thinking and approaches that bridge science and policy. My current research focuses on understanding how adaptation might be enabled in cities worldwide.

Key information

- **Research Fellow, Head of the Adaptation Research Group (Adaptation LAB). Basque Centre for Climate Change, BC3.**
- **H index 20.** i10-index 30. 2316 total citations, (April 6, 2022, [Google Scholar](#)).
- **26 indexed peer-reviewed articles** in a total of 61 publications of diverse nature.
- **61 contributions to scientific international and national conferences.**
- **2015 – PhD on Land Economy. University of Cambridge (UK).** Topic: “Sustainable Urban Development in times of Climate Change and Resource Scarcity”. Oral exam held in June 2014. Awarded May 2015. Available [here](#).
- **2009 - MSc on Environmental Engineering UPV-EHU - School of Engineering, Bilbao, (Basque Country)**
- **2004 - BSc on Chemical Engineering. UPV-EHU - School of Engineering, Bilbao (Basque Country)**

Commissions of trust

- 2021** Expert reviewer for FORMAS, Swedish Government. Call Climate change and the built environment 2021
- 2020** Expert advisor on urbanization in the Foresight Office of the Spanish Presidency.
UNEP - UN Environment Programme Adaptation Gap Report 2020 Expert Reviewer.
- 2019-2020** UN IPCC Expert Reviewer of the WGII (Impacts, vulnerability and adaptation) of AR6.
- 2019-2022** UN IPCC Contributing Author to Chapter 6 (Urban areas) of the WGII (Impacts, vulnerability and adaptation) of AR6. Section: “Monitoring and Evaluation of adaptation”.

Grants and Awards (11)

- 2022** ERC Starting Grant 2021 funded by European Research Council: Project: IMAGINE Adaptation
- 2019** Jose Maria Sarrigi Catastrophe Award 2019 granted by the Catastrophe Observatory of Fundación Aon España for the co-authored study Reckien et al. 2018. Granted: 1000 €.
- 2018-2020** AXA Research Fund Post-Doctoral Fellowship (2017 second campaign) (Id. 4771) –September 2018 – September 2020. Granted: 130,000 €.

Juan de la Cierva Incorporación. Post-doctoral fellowship awarded by the Spanish Ministry of Economy and Competitiveness (MINECO) (IJCI-2016-28835). March 2018 – March 2020. Granted 70000 €. Evaluation result: Excellent.

- 2017 COST Training School Grant. Barcelona Intrepid Training School – on Inter and Transdisciplinary Urban Research (13-16 February 2017). Awarded by the European Cooperation in Science and Technology (European Commission). Granted 745€.
- 2015 NIES funding to attend *Workshop on Tools and Indicators for Assessing Urban Resilience*. December 7-10, 2015. Ito International Research Center, The University of Tokyo. Granted 2000€.
- 2015-2017 Post-doctoral fellowship awarded by the Spanish Ministry of Economy and Competitiveness (MINECO) (FPDI-2013-16631) Granted 58000 €.
- 2012 COST Early Stage Researchers Conference Grant to attend 12th Biennial Conference of the International Society for Ecological Economics ISEE 2012: ECOLOGICAL ECONOMICS AND RIO +20. Awarded by the European Cooperation in Science and Technology (European Commission) Granted 2800 €.
- 2008 European Affairs Scholarship. Awarded by Biscay Regional Body (Basque Country). Granted 11000 €.
- 2004–2006 Abroad Training Scholarship. Awarded by Biscay Regional Body (Basque Country). Granted 21600 €.
- 2003–2004 Research-Assistant Scholarship. Dep. of Chemical Engineering and Environment, School of Engineering, University of the Basque Country (UPV-EHU, Bilbao). Awarded by Basque Government. Granted 2500€.
- 1999 Honour Awards in Secondary School. Awarded by Basque Government. Granted 1st annual university tuition fees waived.

History

- 2018 - ... **CURRENT POSITION. Research Fellow (AXA Postdoctoral Fellow) | Head of the Adaptation Research Group (Research Line: Adaptation Lab) BC3 Basque Centre for Climate Change Research (Spain)**
Research focus: urban climate policy and governance, urban planning and policy, climate adaptation progress evaluation, urban climate action monitoring and evaluation.
- 2018 – 2020 **BC3 Basque Centre for Climate Change Research (Spain)** Juan de la Cierva Post-Doctoral Fellow (*Incorporación*)
Research focus: urban climate policy and governance, urban planning and policy, climate adaptation progress evaluation.
- 2015 – 2018 **BC3 Basque Centre for Climate Change Research (Spain)** Juan de la Cierva Post-Doctoral Fellow (*Formación*)
Research focus: systems thinking in climate change adaptation; local climate change action tracking.
- 2014 –2015 **BC3 Basque Centre for Climate Change Research (Spain)** EU project BASE Post-doctoral Fellow
Research focus: urban mitigation and adaptation to climate change, urban ecosystem-based adaptation, urban resilience and transition management. Participatory approaches in climate adaptation.
- 2012 –2014 **BC3 Basque Centre for Climate Change Research (Spain)** Researcher / PhD student
Finalization of thesis research. Research focus: urban sustainability and resilience throughout processes of adaptation and transformability towards decarbonisation. Urban ecosystem services and its implications for human well-being. Local transitions to low carbon economies and the cognitive dimension of decision-making.
- 2004 –2012 **TECNALIA Research & Innovation. Unit of Environment (Spain).** Researcher / Project Leader
Research focus: Sustainable Spatial Management, Urban Metabolism Analysis, Sustainable and Strategic Environmental Impact Assessment of plans and programmes. Urban adaptive capacity and vulnerability to Climate Change.
- 2003 - 2004 **School of Engineering. Dep. of Chemical Eng. and Environment UPV-EHU.** Research-Assistant.
Research focus: Atmospheric Pollution: Characterization of Volatile Organic Compounds (VOCs) in rural and urban areas (BSc Final Dissertation)

International scientific stays (6)

- 2019 **Universidade Nova de Lisboa (FCT NOVA).** Faculdade de Ciências e Tecnologia. CENSE, Centre for environmental and sustainability Research (Lisboa, Portugal). Host researchers: Sofia Simoes and Josep Ferreira. Objective: development of a case study in Portuguese cities in the context of the project CLIC (<http://clic.bc3research.org/>)
- 2018 **University of Southampton, Department of Geography and Environmental Science** (Southampton, United Kingdom). Host researcher: Prof. Emma Tompkins. Professor of Geography, Environment and Development. Topic: Documenting adaptation
- 2016 **McGill University, Department of Geography. Climate Change Adaptation Lab** (Montreal, Canada). Host researcher: Dr. James Ford. Research area: adaptation tracking across world urban areas.
- 2010 **University of Newcastle upon Tyne (Tyndall Centre). School of Civil Engineering & Geosciences** (Newcastle, UK). Host researcher: Prof. Richard Dawson. Research areas: development of a small-scale urban vulnerability assessment methodology and definition of adaptation measures.

- 2006 IVAM research and consultancy on sustainability, Univ. of Amsterdam** (The Netherlands). Host: Japp Kortman. Research areas: Development of tools and methodologies for the sustainability assessment of urban areas at district scale.
- 2005 IÖR - Leibniz-Institut für ökologische Raumentwicklung e. V.** (Dresden, Germany). Host researchers: Dr. Clemens Deilmann and Dr. Jochen Schanze. Research areas: floods risk management and the implementation of SEA - Strategic Environmental Assessment.

Peer-reviewed publications (26)

1. Cremades, R., Sanchez-Plaza, A., Hewitt, R. J., Mitter, H., Baggio, J. A., **Olazabal, M.**, Broekman, A., Kropf, B., & Tudose, N. C. (2021). Guiding cities under increased droughts: The limits to sustainable urban futures. *Ecological Economics*, 189, 107140. <https://doi.org/10.1016/j.ecolecon.2021.107140> **Open access**
2. Salvia, M., **Olazabal, M.**, Fokaides, P. A., Tardieu, L., Simoes, S. G., Geneletti, D., De Gregorio Hurtado, S., Vigiú, V., Spyridaki, N.-A., Pietrapertosa, F., Ioannou, B. I., Matosović, M., Flamos, A., Balzan, M. V., Feliu, E., Rižnar, K., Šel, N. B., Heidrich, O., & Reckien, D. (2021). Climate mitigation in the Mediterranean Europe: An assessment of regional and city-level plans. *Journal of Environmental Management*, 295, 113146. <https://doi.org/10.1016/j.jenvman.2021.113146>
3. **Olazabal, M.**, Chu, E., Castán Broto, V., & Patterson, J. (2021). Subaltern forms of knowledge are required to boost local adaptation. *One Earth*, 4(6), 828–838. <https://doi.org/10.1016/j.oneear.2021.05.006> **Open access**
4. **Olazabal, M.**, Ruiz De Gopegui, M., 2021. Adaptation planning in large cities is unlikely to be effective. *Landscape and Urban Planning* 206, 103974. <https://doi.org/10.1016/j.landurbplan.2020.103974> **Open access**
5. Salvia, M., Reckien, D., Pietrapertosa, F., Eckersley, P., Spyridaki, N.-A., Krook-Riekkola, A., **Olazabal, M.**, De Gregorio Hurtado, S., Simoes, S.G., Geneletti, D., Vigiú, V., Fokaides, P.A., Ioannou, B.I., Flamos, A., Csete, M.S., Buzasi, A., Orru, H., de Boer, C., Foley, A., Rižnar, K., Matosović, M., Balzan, M.V., Smigaj, M., Baštáková, V., Streberova, E., Šel, N.B., Coste, L., Tardieu, L., Altenburg, C., Lorencová, E.K., Orru, K., Wejs, A., Feliu, E., Church, J.M., Grafakos, S., Vasilie, S., Paspaldzhiev, I., Heidrich, O., 2021. Will climate mitigation ambitions lead to carbon neutrality? An analysis of the local-level plans of 327 cities in the EU. *Renewable and Sustainable Energy Reviews* 135, 110253. <https://doi.org/10.1016/j.rser.2020.110253> **Open access**
6. Sainz de Murieta, E., Galarraga, I., **Olazabal, M.**, 2020. How well do climate adaptation policies align with risk-based approaches? An assessment framework for cities. *Cities* 109, 103018. <https://doi.org/10.1016/j.cities.2020.103018> **Open access**
7. Revi, A., Anguelovski, I., Filho, W.L., **Olazabal, M.**, Chu, E., Cooper, J.T., Garschagen, M., Nelson, D.R., 2020. Transformative Adaptation in Cities. *One Earth* 3, 384–387. <https://doi.org/10.1016/j.oneear.2020.10.002>
8. **Olazabal M.**, Ruiz de Gopegui, M., 2020. ¿Para qué impactos climáticos se preparan las ciudades españolas? *Ekonomiaz: Revista vasca de economía, Monográfico 97 "Adaptación al cambio climático. Aportaciones desde la Economía"* p. 215–241. <https://dialnet.unirioja.es/servlet/articulo?codigo=7536543>
9. Sainz de Murieta, E., **Olazabal, M.**, Sanz, E., 2020. ¿Están las ciudades españolas adaptándose al cambio climático? *Papeles de Economía Española* 163, 160–178. <https://dialnet.unirioja.es/servlet/articulo?codigo=7364280>
10. **Olazabal, M.**, Gopegui, M.R. de, Tompkins, E.L., Venner, K., Smith, R., 2019. A cross-scale worldwide analysis of coastal adaptation planning. *Environmental Research Letters* 14, 124056. <https://doi.org/10.1088/1748-9326/ab5532> **Open access**
11. Reckien D., Salvia M., Pietrapertosa F., Simoes S., **Olazabal M.** et al. 2019. Dedicated versus mainstreaming approaches in local climate plans in Europe. *Renewable & Sustainable Energy Reviews* 112, 948-959. <https://doi.org/10.1016/j.rser.2019.05.014>
12. **Olazabal, M.**, Galarraga, I., Ford, J., Sainz de Murieta, E., Lesnikowski, A., 2019. Are local climate adaptation policies credible? A conceptual and operational assessment framework. *International Journal of Urban Sustainable Development* 11, 277–296. <https://doi.org/10.1080/19463138.2019.1583234> **Open access**
13. **Olazabal, M.**, Chiabai, A., Foudi, S., Neumann, M.B., 2018. Emergence of new knowledge for climate change adaptation. *Environmental Science & Policy* 83, 46–53. <https://doi.org/10.1016/j.envsci.2018.01.017> **Open access**
14. Reckien, D., Salvia, M., Heidrich, O., Church, J.M., Pietrapertosa, F., De Gregorio-Hurtado, S., D'Alonzo, V., Foley, A., Simoes, S.G., Krkoška Lorencová, E., Orru, H., Orru, K., Wejs, A., Flacke, J., **Olazabal, M.**, Geneletti, D., Feliu, E., Vasilie, S., Nador, C., Krook-Riekkola, A., Matosović, M., Fokaides, P.A., Ioannou, B.I., Flamos, A., Spyridaki, N.-A., Balzan, M.V., Fülöp, O., Paspaldzhiev, I., Grafakos, S., Dawson, R., 2018. How are cities planning to respond to climate change? Assessment of local climate plans from 885 cities in the EU-28. *Journal of Cleaner Production* 191, 207–219. <https://doi.org/10.1016/j.jclepro.2018.03.220> **(Received Jose Maria Sarriegi Award)** **Open access**
15. **Olazabal M.**, Neuman M., Foudi S., and Chiabai A., 2018. Transparency and Reproducibility in participatory modelling: the case of Fuzzy Cognitive Mapping. *Systems Research and Behavioral Science* 35 (6): 791-810. <https://onlinelibrary.wiley.com/doi/abs/10.1002/sres.2519> **Open access**

16. Sharifi A., Chelleri L., Fox-Lent C., Grafakos S., Pathak M., **Olazabal M.**, Moloney S., Yumagulova L. and Yamagata Y. 2017 "Conceptualizing Dimensions and Characteristics of Urban Resilience: Insights from a Co-Design Process." Sustainability 9 (6): 1032. Doi:10.3390/su9061032. Open access: <http://www.mdpi.com/2071-1050/9/6/1032>
17. **Olazabal M.** and Pascual U. 2016. *Use of fuzzy cognitive maps to study urban resilience and transformation*. Environmental Innovations and Societal Transitions 18, 18–40. DOI: 10.1016/j.eist.2015.06.006
18. O. Heidrich, D. Reckien, **M. Olazabal**, A. Foley, M. Salvia, S. De Gregorio Hurtado, H. Orru, J. Flacke, D. Geneletti, F. Pietrapertosa, J.J.-P. Hamann, A. Tiwary, E. Feliu and R.J. Dawson. 2016. *National climate policies across Europe and their impacts on cities strategies*. Journal of Environmental Management 168, 36-45. 10.1016/j.jenvman.2015.11.043
19. Reckien D, Flacke J, **Olazabal M**, Heidrich O (2015) *The Influence of Drivers and Barriers on Urban Adaptation and Mitigation Plans—An Empirical Analysis of European Cities*. PLoS ONE 10(8): e0135597. doi:10.1371/journal.pone.0135597. <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0135597>
20. **Olazabal M.** and U. Pascual. 2015. *Urban low-carbon transitions: barriers and opportunities*. Journal of Cleaner Production 109,336-346. doi:10.1016/j.jclepro.2015.08.047
21. Chelleri L., Waters JJ, **Olazabal M.**, Minucci G. *Resilience tradeoffs: addressing multiple scales and temporal aspects of urban resilience*. Environment & Urbanization. In press. DOI: 10.1177/0956247814550780. Open Access: <http://eau.sagepub.com/content/early/2015/01/09/0956247814550780.abstract>
22. Reckien, D., Flacke, J., Dawson, R., Heidrich, O., **Olazabal, M.**, Foley, A, Hamann, A., Orru, H., Salvia, M., Hurtado, S. D. G., Geneletti, D., and Pietrapertosa, F. 2014. *Climate change response in Europe: What's the reality? Analysis of adaptation and mitigation plans from 200 urban areas in 11 countries*. Climatic Change, 122:1-2, 331-340
23. **Olazabal M.**, Urzelai A., García G., Herranz-Pascual K., Abajo B., Feliú E., Santa-Coloma O. and Aspuru I., 2010. *Sustainable spatial management: an integrated approach*. Proceedings of the Institution of Civil Engineers: Municipal Engineer, 163 (1):33-41
24. Garmendia E., Gamboa G., Franco J., Garmendia J.M., Liria P. and **Olazabal M.**, 2010. *Social multi-criteria evaluation as a decision support tool for integrated coastal zone management*. Ocean and Coastal Management; 53 (7): 385-403.
25. **Olazabal M.**, I. García, G. García, B. Abajo, K. Herranz, A. Alonso, E. Feliú, B. Izaola, I. Aspuru & O. Santa Coloma (2008). *Flows, drivers, services and functions, and urban typologies: an integrated approach for the analysis of urban ecosystems*. In The Sustainable City V, eds. Gospodini, A., Brebbia, C. A. and Tiezzi, E., pp 768. WIT Press.
26. Urzelai; **M. Olazabal** et al. 2007. "Modelización de un sistema territorial "urbano-rural" para la evaluación de su sostenibilidad. Aplicación a una zona representativa del País Vasco". Dyna Ingeniería e Industria, Vol. 82, nº7, 2007.

Data papers (2)

27. Salvia, M., Reckien, D., Pietrapertosa, F., Eckersley, P., Spyridaki, N.-A., Krook-Riekkola, A., **Olazabal, M.**, De Gregorio Hurtado, S., Simoes, S.G., Geneletti, D., Vigiú, V., Fokaides, P.A., Ioannou, B.I., Flamos, A., Csete, M.S., Buzasi, A., Orru, H., de Boer, C., Foley, A., Rižnar, K., Matosović, M., Balzan, M.V., Smigaj, M., Baštáková, V., Streberova, E., Šel, N.B., Coste, L., Tardieu, L., Altenburg, C., Lorencová, E.K., Orru, K., Wejs, A., Feliu, E., Church, J.M., Grafakos, S., Vasilie, S., Paspaldzhiev, I., Heidrich, O., 2021. Data for: Will climate mitigation ambitions lead to carbon neutrality? An analysis of the local-level plans of 327 cities in the EU. Mendeley data. <https://data.mendeley.com/datasets/65h7t7sdd7/1>
28. Reckien, D., Salvia, M., Heidrich, O., Church, J.M., Pietrapertosa, F., De Gregorio-Hurtado, S., D'Alonzo, V., Foley, A., Simoes, S.G., Krkoška Lorencová, E., Orru, H., Orru, K., Wejs, A., Flacke, J., **Olazabal, M.**, Geneletti, D., Feliu, E., Vasilie, S., Nador, C., Krook-Riekkola, A., Matosović, M., Fokaides, P.A., Ioannou, B.I., Flamos, A., Spyridaki, N.-A., Balzan, M.V., Fülöp, O., Paspaldzhiev, I., Grafakos, S., Dawson, R., 2020. European local climate plans – EURO LCPs. DANS. <https://doi.org/10.17026/dans-zj7-ejmr>

Other publications (13)

29. Sanz, E., **Olazabal, M.**, Sainz de Murieta, E., 2019. Planificación de la adaptación al cambio climático en las ciudades españolas: evaluando su sostenibilidad y efectividad a largo plazo. BC3 Policy Briefing Series, No. PB 2019 – 01. BC3 Basque Centre for Climate Change.
30. **Olazabal, M.**, I. Galarraga, J. Ford, A. Lesnikowski and E. Sainz de Murieta (2017) *Towards successful adaptation: a checklist for the development of climate change adaptation plans*. BC3 Working Paper Series 2017-01. Basque Centre for Climate Change (BC3). Leioa, Spain.
31. **Olazabal, M.** and Sainz de Murieta, E. (2016) "Bridging Science and Policy to Mitigate and Adapt Cities to Climate Change: Challenges and Opportunities in the Context of the Basque Declaration", BC3 Policy Briefing Series, 03-2016, Basque Centre for Climate Change (BC3), Bilbao, Spain.

32. **Olazabal**, M., Sainz de Murieta, E., Foudi, S., Chiabai, A., Galarraga, I., Balbi, S., Vogel, L., Román, M.V, and Markandya, A.(2016) “Urban research at BC3: How climate change science can support urban policy making”, BC3 Policy Briefing Series, 04-2016, Basque Centre for Climate Change (BC3), Bilbao, Spain.
33. Moloney S., **Olazabal** M., Yumagulova L., Chelleri, L. 2016. Challenges in assessing and measuring urban resilience. February 23, 2016 / UGEC Viewpoints. URL: <https://ugecviewpoints.wordpress.com/2016/02/23/challenges-in-assessing-and-measuring-urban-resilience/>
34. **Olazabal** M., Chiabai A., Foudi S. and Neumann M.B. Navigating urban complexity through stakeholders' experiences and knowledge. July 23, 2015 / UGEC Viewpoints. URL: <https://ugecviewpoints.wordpress.com/2015/07/23/navigating-urban-complexity-through-stakeholders-experiences-and-knowledge/>
35. De Gregorio Hurtado, S., **Olazabal**, M., Salvia, M., Pietrapertosa, F., Olazabal, E., Geneletti, D., D'Alonzo, V., Si Leo, S., Reckien, D. 2015. Understanding How and Why Cities Engage with Climate Policy: An Analysis of Local Climate Action in Spain and Italy. *TEMA Journal of Land Use, Mobility and Environment*. 8 (Special Issue ECCA 2015). 23-46. DOI (10.6092/1970-9870/3649).
36. S. De Gregorio Hurtado, M. **Olazabal**, M. Salvia, F. Pietrapertosa, E. Olazabal, D. Geneletti, V. D'Alonzo, E. Feliú, S. Di Leo, D. Reckien (2014) Implications of governance structures in urban climate action: evidence from Italy and Spain. BC3 Working Paper Series 2014-02. Bilbao, Spain.
37. **Olazabal** M., and Pascual U., 2014. Ingredientes de una transición sostenible hacia una ciudad baja en carbono. BC3 Policy Briefing Series 03-2014.
38. **Olazabal**, M., S. De Gregorio, E. Olazabal, F. Pietrapertosa, M. Salvia, D. Geneletti, V. D'Alonzo, E. Feliú, S. di Leo, D. Reckien, (2014) How are Italian and Spanish Cities tackling climate change? A local comparative study. BC3 Working Paper Series 2014-03. Bilbao, Spain.
39. **Olazabal**, M. and Pascual, U. 2013. Identifying social determinants of urban low carbon transitions: the case of energy transition in Bilbao, Basque Country. BC3 Working Paper Series 2013-11. Bilbao, Spain.
40. **Olazabal** M. Fostering opportunities in cities: adaptability and transformability of urban systems. *ISA Europe Journal* 05/2013; ISBN 978-9-090-27392-1.
41. Urzelai A.; M. Olazabal et al. 2006. “Modelización de un sistema territorial “urbano-rural” para la evaluación de su sostenibilidad. Aplicación a una zona representativa del País Vasco”. *Revista Internacional de Sostenibilidad, Tecnología y Humanismo*, nº 1, 2006.

Monographs & book chapters (20)

42. **Olazabal**, M., Ruiz De Gopegui, M., 2021. Impactos del cambio climático en áreas urbanas, in: Sanz, M.J., Galán, E. (Eds.), *Impactos y Riesgos Derivados Del Cambio Climático En España*. Oficina Española de Cambio Climático. Ministerio para la Transición Ecológica y el Reto Demográfico, Madrid, España, pp. 125–142.
43. **Olazabal**, M., 2020. An adaptation agenda for the new climate urbanism: global insights, in: Castan Broto, V., Robin, E., While, A. (Eds.), *Climate Urbanism: Towards a Critical Research Agenda*. Palgrave Macmillan. Forthcoming.
44. **Olazabal** M., 2020. El reto climático en las ciudades, in: *Las ciudades: agentes críticos para una transformación sostenible del mundo*, Cuadernos de estrategia. Instituto Español de Estudios Estratégicos. Ministerio de Defensa, pp. 69–118.
45. **Olazabal**, M., Chelleri, L., Sharifi, A., 2018. Is Connectivity a Desirable Property in Urban Resilience Assessments? in: *Resilience-Oriented Urban Planning*, Lecture Notes in Energy. Springer, Cham, pp. 195–211. https://doi.org/10.1007/978-3-319-75798-8_11
46. Bouwer, L., Capriolo, A., Chiabai, A., Foudi, S., Garrote, L., Harmáčková, Z.V., Iglesias, A., Jeuken, A., **Olazabal**, M., Spadaro, J., Taylor, T., Zandersen, M., 2018. Chapter 4 - Upscaling the Impacts of Climate Change in Different Sectors and Adaptation Strategies, in: Sanderson, H., Hildén, M., Russel, D., Penha-Lopes, G., Capriolo, A. (Eds.) *Adapting to Climate Change in Europe*. Elsevier, pp. 173–243. <https://doi.org/10.1016/B978-0-12-849887-3.00004-6>
47. Campos, I., Ng, K., Penha-Lopes, G., Pedersen, A.B., Capriolo, A., **Olazabal**, M., Meyer, V., Gebhardt, O., Weiland, S., Nielsen, H.Ø., Troeltzsch, J., Zandvoort, M., Lorencová, E.K., Harmáčková, Z.V., Iglesias, P., Iglesias, A., Vizinho, A., Mäenpää, M., Rytönen, A.-M., den Uyl, R.M., Vačkář, D., Alves, F.M., 2018. Chapter 3 - The Diversity of Adaptation in a Multilevel Governance Setting, in: Sanderson, H., Hildén, M., Russel, D., Penha-Lopes, G., Capriolo, A. (Eds.), *Adapting to Climate Change in Europe*. Elsevier, pp. 49–172. <https://doi.org/10.1016/B978-0-12-849887-3.00003-4>
48. **Olazabal**, M. 2017. “Resilience, Sustainability and Transformability of Cities as Complex Adaptive Systems.” In *Urban Regions Now & Tomorrow*, edited by Sonja Deppisch, 73–97. *Studien Zur Resilienzforschung*, Springer.
49. Schwarze R., Meyer P., Markandya A., Kedia S., Maleki D., Román de Lara MV, Sudo T., Surminski S., Anderson N., **Olazabal** M., Grafakos S., Dobardzic S. (Forthcoming). Economics, Finance, and the Private Sector (Chapter 7) in Rosenzweig, C., W. Solecki, P. Romero-Lankao, S. Mehrotra, S. Dhakal, and S. Ali Ibrahim. *Climate Change and Cities: Second Assessment Report of the Urban Climate Change Research Network (UCCRN)*. Cambridge University Press. New York.

50. **Olazabal**, M. and Reckien, D. 2015. Fuzzy Cognitive Mapping: applications to urban environmental decision-making. In Handbook of Research Methods and Applications in Environmental Studies, edited by M. Ruth: Edward Elgar Publishing, Massachusetts, USA, pp. 148-175.
51. Reckien, D., Flacke, J., De Gregorio Hurtado, S., Salvia, M., Heidrich, O., Dawson, R. J., **Olazabal**, M., Foley, A., Orru, H., and Geneletti, D. 2014. Urban climate change response and the impact of climate networks in Europe. In Understanding Cities: Advances in integrated assessment of urban sustainability, edited by R. J. Dawson, A. Wyckmans, O. Heidrich, J. Köhler, S. Dobson and E. Feliú. Newcastle, UK: Centre for Earth Systems Engineering Research (CESER). 45-52
52. Heidrich, O., **Olazabal**, M., and Flacke, J. 2014. Adaptation and mitigation: how addressing climate issues stimulates integrated thinking. In Understanding Cities: Advances in integrated assessment of urban sustainability, edited by R. J. Dawson, A. Wyckmans, O. Heidrich, J. Köhler, S. Dobson and E. Feliú. Newcastle, UK: Centre for Earth Systems Engineering Research (CESER). 41-43
53. De Gregorio Hurtado, S., **Olazabal**, M., Salvia, M., Pietrapertosa, F., Feliú, E., **Olazabal**, E., Geneletti, D., D'Alonzo, V., Di Leo, S., and Reckien, D. 2014. Multi-level climate governance and urban climate action. In Understanding Cities: Advances in integrated assessment of urban sustainability, edited by R. J. Dawson, A. Wyckmans, O. Heidrich, J. Köhler, S. Dobson and E. Feliú. Newcastle, UK: Centre for Earth Systems Engineering Research (CESER). 77-88
54. Chelleri, L. and **Olazabal**, M., eds. 2012. Multidisciplinary perspectives on Urban Resilience: A workshop report. Bilbao: Basque centre for Climate Change (BC3). ISBN 978-84-695-6025-9
55. **Olazabal**, M., Chelleri, L. and Waters JJ. 2012. Why urban resilience? In Multidisciplinary perspectives on Urban Resilience: A workshop report, edited by L. Chelleri and M. **Olazabal**. Bilbao, Spain: Basque Centre for Climate Change (BC3). ISBN 978-84-695-6025-9
56. **Olazabal**, M. 2012. Urban resilient sustainability transitions: a cause for action. In Multidisciplinary perspectives on Urban Resilience: A workshop report, edited by L. Chelleri and M. **Olazabal**. Bilbao, Spain: Basque Centre for Climate Change (BC3). ISBN 978-84-695-6025-9
57. Chelleri L., **Olazabal**, M. 2012. Final remarks. In Multidisciplinary perspectives on Urban Resilience: A workshop report, ed. by L. Chelleri and M. **Olazabal**. Bilbao, Spain: Basque Centre for Climate Change (BC3). ISBN 978-84-695-6025-9
58. **Olazabal**, M., Feliu, E., Herranz-Pascual, M. K., Abajo, B., González-Aparicio, I., Simón-Moral, A., and Alonso, A. 2012. Climate Change Adaptation Plan of Vitoria-Gasteiz, Spain. In Resilient Cities 2: Cities and Adaptation to Climate Change Proceedings of the Global Forum 2011, edited by K. Otto-Zimmermann: Springer. ISBN 978-94-007-4223-9
59. Herranz, K., **Olazabal**, M., García, G., Abajo, B., Gutiérrez, L., Mendizabal, M., and Feliú, E. 2011. Medio Urbano: ordenación del territorio y planificación urbanística. In Cambio Climático: Impacto y Adaptación, edited by Basque Government: Gobierno Vasco. ISBN: 978-84-457-3175-8
60. **Olazabal**, M., Feliú, E., Izaola, B., Pon, D., Pooley, M., Alonso-Martin, M. and Castillo, C.: 2011, 'Local Strategies for Climate Change Adaptation: Urban Planning Criteria for Municipalities of the Basque Country, Spain', in Otto-Zimmermann, K. (ed.), Resilient Cities: Cities and Adaptation to Climate Change - Proceedings of the Global Forum 2010, Springer, p. 521.
61. Santa-Coloma, O., **Olazabal**, M., García, G., and Feliú, E. 2009. Metabolismo urbano y dinámica territorial. In Las Dimensiones Sociales de la Ciudad, edited by V. Urrutia, I. Zubero, A. Izaola and A. de la Peña. Bilbao: Servicio Editorial de la Universidad del País Vasco. ISBN: 978-84-9860-311-8

Scientific conference contributions and invited talks (61)

(*) Speaker (+) Planned

1. (*) **Olazabal** M. Is urban adaptation in a deadlock? International Conference on Climate Change and Environmental Sustainability, Nov 9-11, 2021. Chongqing University, China. **Keynote Speaker**.
2. (*) **Olazabal** M. A cross-scale worldwide analysis of coastal adaptation planning. Adaptation Futures 2020, New Delhi 4-8 October 2021.
3. (*) **Olazabal** M, Castán Broto V. Institutionalization through spiraling stages of adaptation: a comparative analysis of Bilbao, Barcelona and Madrid. Earth System Governance 2021 Conference. Bratislava, 7-9 September 2021
4. **Olazabal** M. "Del Pacto Verde Europeo a la realidad del reto urbano". ST-12. Renovación urbana: Hacia ciudades descarbonizadas, circulares y naturales. Congreso Nacional del medio Ambiente, CONAMA 2020. **Invited talk**.
5. (*) **Olazabal** M. "Cambio Climático, movilidad y transporte" en Jornada "Sostenibilidad post-Covid". Campus Bizia-Lab. Universidad del País Vasco UPV-EHU / University of the Basque Country. 11 June 2020. **Invited talk**
6. (*) **Olazabal** M. Las ciudades y su lucha contra el cambio climático: una mirada comparativa. Jornada "Oportunidades económicas y emergencia climática" organised by Funcas and Capítulo Español del Club de Roma. Madrid, 26th November 2019. **Invited talk**

7. (*) **Olazabal M.** Factores de Sucesso de Adaptação Climática em cidades: A global look. 3rd Local Adaptation Seminar of the network of Portuguese municipalities. 11th November 2019. Seia, Portugal. **Keynote.**
8. (*) **Olazabal M.** How we define and understand adaptation is important the case of a global urban adaptation tracking exercise. The New Climate Urbanism | 4-5 September 2019, Urban Institute, University of Sheffield. Invited talk
9. **Olazabal M.** and Ruiz de Gopegui M. Effectiveness of world-wide local climate adaptation plans. Workshop “Sustainable coastal cities”. Organised by Université de Pau et des Pays de l’Adour (UPPA). July 1-2 2019, Bayonne. **Invited talk**
10. Ruiz de Gopegui M., **Olazabal M.** How are cities adapting for climate change today? Can we measure it? Place making for sustainable change. Placemaking Week Europe 2019, Valencia, June 2019.
11. (*) **Olazabal M.** Adaptation tracking and credibility: ‘Assessment of Local Adaptation Plans’. Metrics for effective adaptation planning: The role of metrics of adaptation and vulnerability in fighting the negative effects of climate change. Side-event at the UNFCCC Mid-session in Bonn, 21st June 2019. **Invited talk** (virtual)
12. (*) **Olazabal M.** and Ruiz de Gopegui M. Are world-wide local climate adaptation plans on track to effectively reduce future risks? ECCA 2019, 4th European Climate Change Adaptation conference, Lisbon (Portugal) 28–31 May 2019
13. (*) **Olazabal M.**, Sainz de Murieta E., Ruiz de Gopegui M. and Venner K. “A pilot study to assess equity in the progress towards adaptation: a case in European and worldwide coastal cities” Session Monitoring adaptation in cities: Considerations for equity and justice ECCA 2019, 4th European Climate Change Adaptation conference, Lisbon (Portugal) 28–31 May 2019
14. (*) **Olazabal M.** A participatory systems approach to identify and quantify climate adaptation tradeoffs. Reframing Urban Resilience Implementation: Aligning Sustainability and Resilience. 11th International Forum on Urbanism (IFoU) Congress 2018. December 10-11-12 in Barcelona. Proceedings: <https://sciforum.net/paper/view/conference/5932>
15. Sainz de Murieta E., Sanz E. and **Olazabal M.** Are Spanish local adaptation policies likely to be successfully implemented and sustained in the long-term? An assessment of their legitimacy, scientific, policy and economic credibility. Reframing Urban Resilience Implementation: Aligning Sustainability and Resilience. 11th International Forum on Urbanism (IFoU) Congress 2018. December 10-11-12 in Barcelona. Proceedings: <https://sciforum.net/paper/view/conference/5954>
16. Sainz de Murieta E., Galarraga I and **Olazabal M.** Building long-term resilience by aligning adaptation and disaster risk reduction policies in cities. Reframing Urban Resilience Implementation: Aligning Sustainability and Resilience. 11th International Forum on Urbanism (IFoU) Congress 2018. December 10-11-12 in Barcelona. Proceedings: <https://sciforum.net/paper/view/conference/6017>
17. ***Olazabal M.** A proposal to improve adaptation tracking experiences: an adaptation policies credibility assessment framework. Adaptation Lunch seminars. Grantham Research Institute on Climate Change and the Environment, London School of Economics and Political Science (LSE). 19 June 2017.
18. ***Olazabal M.**, Chiabai A., Foudi S., and Neuman M. Knowledge co-production allows the emergence of new information for climate change adaptation planning. ECCA 2017, 3rd European Climate Change Adaptation Conference “Our Climate Ready Future”, Glasgow, 5th-9th June 2017.
19. ***Olazabal M.**, Galarraga I., Ford J., Lesnikowski A., Sainz De Murieta E. On the credibility of current local climate adaptation plans. ECCA 2017, 3rd European Climate Change Adaptation Conference “Our Climate Ready Future”, Glasgow, 5th-9th June 2017.
20. ***Olazabal M.** Invited panel discussant in the session “Integrated research methods for co-creating adaptation solutions” ECCA 2017, 3rd European Climate Change Adaptation Conference “Our Climate Ready Future”, Glasgow, 5th-9th June 2017. Invited discussant.
21. ***Olazabal M.** Cambio climático: aplicación a la ordenación del territorio. X11º Curso de urbanismo AVNAU “¡Manos a la obra!” February 2, 2017. Organised by Agrupación Vasco-Navarra de Arquitectos Urbanistas (AVNAU) **Invited talk.**
22. ***Olazabal M** and Sainz De-Murieta E. Bridging science and policy to support cities to mitigate and adapt to climate change. Round Table Dialogue in the 8th Sustainable Cities and Towns Conference. Bilbao. 27-29 April 2016.
23. Schwarze R., Meyer P., Markandya A., Kedia S., Maleki D., Román de Lara MV, Sudo T., Surminski S., Anderson N., **Olazabal M.**, Grafakos S., Dobardzic S. 2016. Finance Opportunities for Climate Change Solutions in Cities. Resilient Cities 2016 Background Paper. 7th Annual Global Forum on Urban Resilience and Adaptation, 6-8 July 2016.
24. ***Olazabal M.** Urban Resilience and Transformation: Implications for assessment indicators. Workshop on Tools and Indicators for Assessing Urban Resilience. December 7-10, 2015. Ito International Research Center, The University of Tokyo. Organized by Global Carbon Project - Tsukuba International Office. **Invited talk.**
25. ***Olazabal M.** El desafío del cambio climático. Euskal Hiria Kongresua, Bilbao, November 23-24, 2015. Organised by the Basque Government. **Invited talk**
26. De Gregorio Hurtado S., **Olazabal M.**, Salvia M., Pietrapertosa F., **Olazabal E.**, Geneletti D., D’Alonzo V., Di Leo S., Reckien D., 2015. Urban climate planning in Spain and Italy: barriers and opportunities. Presented at the Conference: Science Symposium on climate. Gathering knowledge, efforts and projects on climate sciences, November 19-20, 2015. Rome, Italy. doi:10.13140/RG.2.1.1692.2962. Poster presentation.

27. ***Olazabal** M. and De Gregorio-Hurtado S. Grassroots of local climate action in Italy and Spain. ECCA European Climate Change Adaptation Conference 2015. 12-14 May 2015, Copenhagen, Denmark. **Invited talk**.
28. ***Olazabal** M., Chiabai A., Neumann M.B. and Foudi S. Fuzzy Cognitive Mapping to enhance climate change adaptation to heatwaves in the city of Madrid. ECCA European Climate Change Adaptation Conference 2015. Copenhagen, Denmark. Oral (pentcha kutcha) presentation.
29. ***Olazabal** M. Resiliencia Urbana. IX Jornadas de Gerencia de Riesgos y Emergencias. 25- 29 mayo 2015. Donostia-San Sebastián, Spain. **Invited talk**
30. ***Olazabal** M. Capturing and modelling cognitive knowledge to inform urban low carbon transitions. Urban Integration Conference. 6- 7 March 2014, Sheffield, UK. **Invited talk**
31. ***Olazabal** M. A cognitive approach to urban energy systems: assessing resilience and sustainable transition pathways. Klimagune Workshop 2013, "Opportunities, Challenges and Barriers for Transitions towards Sustainability in the Context of Climate Change". December 19, 2013. Bizkaia aretoa, Bilbao. **Invited talk**
32. ***Olazabal** M. and Pascual U. Identifying social determinants of urban low carbon transitions: the case of energy transition in Bilbao, Basque Country. International Symposium - Modelling Sustainable Urban Transition Dynamics 3rd and 4th July. Oral presentation
33. ***Olazabal** M. 2012. Transitions to Climate Change Resilient Cities. Cambridge Zero Carbon Society series. 7th November 2012. University of Cambridge, UK. **Invited talk**.
34. ***Olazabal** M, Chelleri L., Waters JJ and Kunath A. 2012. Multidisciplinary perspectives on urban resilience. 1st International Conference on Urban Sustainability and Resilience. 5-6 November 2012. University College of London, UK. Oral presentation
35. ***Olazabal** M, Pascual 2012. Cities and the transition to greener economies. 5-6 November 2012. University College of London, UK. Poster presentation
36. ***Olazabal**, M. and Pascual, U. 2012. Postulates of urban resilient sustainability transitions. In International Sustainability Transitions (IST) Conference 2012. 29-31 August 2012, Copenhagen, Denmark. Oral presentation
37. ***Olazabal** M, Pascual 2012. Cities and the transition to greener economies. BC3 Klimagune Workshop 2012: From Euskadi to Rio + 20. 8th of June, Bilbao, Spain. Poster presentation
38. ***Olazabal**, M. and Pascual, U. 2012. Postulates of urban resilient sustainability transitions. In ISEE Conference 2012 - International Society of Ecological Economics. 16-19 June 2012. Rio de Janeiro, Brasil. Oral presentation
39. ***Olazabal**, M 2012. Sustainable urban development in times of climate change and resource scarcity. Tyndall Knowledge Gaps PhD Conference 2012 - How are you tackling it? 11th April - 13th April 2012, University of East Anglia, Norwich, UK. Oral presentation
40. ***Olazabal** M 2011. Valuing urban resilience thinking: the challenge of going beyond theory. International Workshop on Urban Resilience: How to apply resilience thinking to urban environments. Barcelona, 18-19th November 2011. Oral presentation.
41. Cherelli L., **Olazabal** M., Breton F. Some starters for the translation of resilience theory into city planning practices. Resilience 2011: Resilience, Innovation and Sustainability: Navigating the Complexities of Global Change'. Arizona State University. Tempe, Arizona (USA). 10-16 March 2011
42. ***Olazabal** M., Herranz-Pascual K., Feliú E., Garcia G. Abajo B. El análisis de la vulnerabilidad urbana como clave para la definición de estrategias de adaptación al cambio climático. CONAMA10, Madrid, 22-26 November 2010. ISBN 978-84-614-6112-7
43. ***Olazabal**, M., Feliú, E., Herranz, K., García, G., Abajo, B., and Mendizabal, M. 2010. Impulsando la gestión adaptativa de la escala urbana: un nuevo reto territorial. Paper presented at VI Congreso Internacional de Ordenación del Territorio, Pamplona. Mención de honor por el Comité de Selección. ISBN 978-84-693-7273-9
44. Herranz-Pascual K., Feliú E., **Olazabal** M., Miguel Virizueta M., Alonso A. (2010) Plan de Adaptación al Cambio Climático (PACC) de Vitoria-Gasteiz. CONAMA10, Madrid, 22-26 November 2010. ISBN 978-84-614-6112-7
45. Feliú, E, **Olazabal**, M, et al. (2010) Local Strategies for Climate Change Adaptation: Urban Planning Criteria for Municipalities of the Basque Country, Spain. Resilient Cities 2011, 1st World Congress on Cities and Adaptation to Climate Change. Bonn, Germany 28-30 May 2010
46. ***Olazabal** M. and Pascual U. (2009). Urban metabolism and urban resilience. International Conference on Human Ecology, 29th June -3rd July 2009. Oral presentation.
47. ***Olazabal**, M., García, G., Abajo, B., Alonso, A., García, I., Herranz, K., Feliú, E., Izaola, B., Aspuru, I. and Santa Coloma, O.: 2009, 'Urban system metabolism analysis: an approach for the definition of urban strategic actions', in ConAccount 2008. Urban metabolism: measuring the ecological city: Proceedings, Charles University Environment Center, Prague, pp. 339-356. ISBN: 978-80-87076-12-5
48. García, G., Abajo, B., **Olazabal**, M., Herranz, K., Proy, R., García, I., Izaola, B. and Santa Coloma, O.: 2009, 'A step forward in the evaluation of urban metabolism: Definition of urban typologies', in ConAccount 2008. Urban metabolism: measuring the ecological city: Book of proceedings, Charles University Environment Center, Prague, pp. 9-25. ISBN: 978-80-87076-12-5

49. **Olazabal M.**, G. García, B. Abajo, K. Herranz, E. Feliú, I. García, B. Izaola, R. Proy, L. Gutierrez, A. Alonso, I. Aspuru y O. Santa Coloma (2008). “¿Cómo Definir Acciones Locales Analizando el Metabolismo Urbano? El Enfoque del Proyecto INCYDA EMAU”. Proceedings Congreso Nacional de Medio Ambiente, CONAMA08, Madrid, 1-5 de diciembre 2008. ISBN: 978-84-613-1481-2
50. Feliú E., García G., **Olazabal M.**, K. Herranz, I. Aspuru, O. Santa Coloma (2008). “Los Contratos de Territorio: Una propuesta para la mejora de la Ordenación Territorial en la CAPV”. Proceedings Congreso Nacional de Medio Ambiente, CONAMA08, Madrid, 1-5 de diciembre 2008. ISBN: 978-84-613-1481-2
51. **Olazabal M.**, I. García, G. García, B. Abajo, K. Herranz, A. Alonso, E. Feliú, B. Izaola, I. Aspuru, O. Santa Coloma, 2008. “Flows, drivers, services & functions and urban typologies: an integrated approach for the analysis of urban eco-systems”. Conference Sustainable Cities 2008. September 2008, Greece. Oral presentation.
52. Feliú E., García G., Olazabal M., K. Herranz, I. Aspuru y O. Santa Coloma, “Propuestas para la mejora de la ordenación territorial en la CAPV: tendencias y retos en el marco de la gestión sostenible del territorio”. I Congreso de Urbanismo y Ordenación del Territorio en la CAPV. “Ciudad y Territorio” Bilbao, 2008. Oral presentation.
53. Garmendia E., **Olazabal M.**, J. Franco, J. Garmendia and K. Herranz, 2008. “Social multi-criteria evaluation as a decision support tool in the adaptive management of complex socio-ecological systems: the case of a biosphere reserve in northern Spain”. Proceedings of 2008 Berlin Conference on the Human Dimensions of Global Environmental Change / International Conference of the Social-Ecological Research Programme. Oral presentation.
54. Urzelai A., Ciprian E., and **Olazabal M.**, 2007. “Model strategy for examination of former and abandoned landfills”. In: Cossu, R., Diaz L. F and Stegmann R. (Eds.). Proceedings of SARDINIA 2007 Waste Management and Landfill Symposium. Sardinia, Italy. ISBN 978-88-6265-003-8. pp. 917 Oral presentation.
55. **Olazabal M.**, G. García et al., 2007. “OIKOS: an integrated approach towards sustainable spatial planning and management”. SUE-Mot 07 International Conference on Whole Life Urban Sustainability and its Assessment. Glasgow Caledonian University, Glasgow, 27th-29th June 2007 (ISBN- 13 978-1-905866-13-7; ISBN- 10 1-905866-13-5). Oral presentation.
56. **Olazabal M.**, Urzelai, A., Feliú, E., García, G., Herranz, K., Aspuru, I., and Santa-Coloma, O. 2007. Evaluation of sustainability in spatial planning and management. Shortcomings in the implementation of an integrated approach at sub-regional scale. Paper 215. 27th Annual Conference International Association for Impact Assessment (IAIA) Growth, Conservation and Responsibility, Seoul, Korea. ISBN: 978-0-9800351-0-0. Oral Presentation.
57. Santa Coloma O., Urzelai A., **Olazabal M.**, et al. 2007. “Aproximación metodológica a la evaluación de la sostenibilidad en la gestión territorial. Aplicación a un caso piloto representativo del País Vasco” V Conferencia Europea de Ciudades y Pueblos Sostenibles. Sevilla, 2007. Poster presentation.
58. Aspuru I., Herranz K., Vazquez M., García G., **Olazabal M.** “Proyecto piloto a escala municipal para la integración del plan de acción de ruido en la dinámica de la Agenda Local 21”. V Conferencia Europea de Ciudades y Pueblos Sostenibles. Sevilla, 2007. Poster presentation.
59. Feliú E., Santa Coloma O., Urzelai A., **Olazabal M.**, G. García, K. Herranz, 2007 “los municipios y la gobernanza de la gestión sostenible del territorio”. V Conferencia Europea de Ciudades y Pueblos Sostenibles. Sevilla, 2007. Poster presentation.
60. Urzelai A., **Olazabal M.**, et al., 2006. “Modelización de las interacciones socio-culturales, ambientales y económicas de un sistema territorial “urbano-rural” para la evaluación de la sostenibilidad en una zona representativa del País Vasco”. International Conference on Sustainability Measurement and Modelling ICSMM. Terrasa, 2006. ISBN: 84-96736-06-7. Oral presentation.
61. Navazo M., N. Durana, M.C. Gómez, J.A. García, G. Gangoiti, **Olazabal M.**, J.L. Ilardia, L. Alonso “Influencia de hidrocarburos no metánicos de origen biogénico en las concentraciones de ozono en atmósferas no urbanas”. Proceedings PROMA 2004 (IX Congreso de Medio Ambiente). Oral presentation.

Participation in R&D Projects (19)

- 2019-2022 LIFE-IP URBAN KLIMA 2050.** EU LIFE Integrated projects 2018 – Climate Action. Start date: 01/09/2019; End date: 31/08/2025. PI Mari Jose Sanz. BC3 Budget: 494.929€. <https://urbanklima2050.eu/es/>
- 2019-2021 GOBERNADAPT** Gobernanza para la adaptación al cambio climático: riesgos por eventos costeros extremos en Dakar (Senegal), 2019 – 2021. Partners: BC3 (lead) and IH Cantabria. Funded by Basque Cooperation Agency. Budget: 168.000€, BC3 budget: 109.350€.
- 2019-2021 E-CLEDER** - Minimización de los efectos del cambio climático en el edificio y su entorno: desde la eficiencia en el uso de la energía a la generación mediante fuentes renovables. GRUPOS DE INVESTIGACIÓN del sistema universitario vasco. Coordina Escuela De Ingeniería de Bilbao (UPV-EHU)
- 2018-2020 CLIC** - Can we measure the effectiveness of public investments in urban climate resilience? Funded by AXA Research Fund (Id. 4771) and the Spanish Government through Juan de la Cierva Incorporación grant. Grant <https://clic.bc3research.org/>
- 2017-2021 COACCH** project. CO-designing the Assessment of Climate CHange costs. European Union’s Horizon 2020 research and innovation programme. Grant Agreement N° 776479. <https://www.bc3research.org/projects/coacch.html>

- 2018-2019 PROCESA** - Evaluación del PROgreso de las Ciudades ESpañolas hacia la Adaptación. Fundación Biodiversidad. Convocatoria 2017. Gran number CA_CC_2017. <https://www.bc3research.org/projects/procesa>
- 2015 - 2018 RESIN.** Climate resilient cities and Infrastructure. Funded under H2020 programme of the European Commission. 2015-2018
- 2014-2016 BASE.** Bottom-up Adaptation Strategies for a sustainable Europe. Funded under the 7th Research Framework Programme (FP7) of the European Commission. 2013-2016
- 2013 Focalización Estratégica del Plan Vasco de lucha contra el Cambio Climático 2014-2020.** Funded by IHOBE S.A. 2013
- 2012 URBAN SOLUTIONS.** Research line 3. Modelling transitions towards low carbon cities. Tecnalía strategic project.
- 2010-2011 PACC Vitoria-Gasteiz (Phase I).** Local Plan of Adaptation to Climate Change of the City of Vitoria-Gasteiz. Vitoria-Gasteiz City Council
- 2008-2013 K-EGOKITZEN (I & II).** Climate Change: Impact and adaptation. ETORTEK Programme. Basque Government 2008-2013
- 2007-2008 INCYDA EMAU** Strategic Actions for the implementation of the Urban Environment Strategy in the Spanish Context. Spanish National Plan of Scientific Research, Development and Technological Innovation. Ministry of Environment, 2007-2008.
- 2007 Estudio de Evaluación Conjunta de Impacto Ambiental del Plan de Suelos Contaminados de la CAPV 2007-2010.** Funded by IHOBE S.A. 2007
- 2006- 2007 GAILUR** Carrying Capacity Methodology towards Sustainable Spatial Planning and Management. Labein-Tecnalia self-funded project.
- 2005 - 2008 EKOLURRALDEA** Tools and Strategies for Sustainable Territory Management. Partially supported by the Basque Government through the ETORTEK Programme.
- 2005-2007 SUFALNET.** Sustainable use of former and abandoned landfills. Interreg Programme III. European Commission
- 2005-2007 OIKOS** Integrated Systems for Sustainable Spatial Planning and Management. SAIOATEK Programme the Basque Country regional and Spanish Ministry of Industry, Commerce and Tourism.

Networking and memberships

- 2020 - ...** Member of the Steering Committee and Chair of the Subcommittee on Cities of **IPAM – International Platform of Adaptation Metrics**. <http://www.adaptationmetrics.org/>
- 2011 - 2019** Board Member and co-founder of the **Urban Resilience Research Network**. <http://www.urbanresilienceresearch.net/>
- 2013 - 2016** Member of the **Crisis Resilience Alliance** led by the University of British Columbia (Canada) <http://www.crisisresilience.ca/>
- 2011-2014** Member of the Sustainability and Global Decarbonisation Research Group of the **4CMR (Centre for climate change mitigation research)** of the University of Cambridge.
- 2010-2014** Active participant in the **COST Action TU0902 Integrated assessment technologies to support the sustainable development of urban areas**. WG 2: urban climate change mitigation and adaptation.

Supervising and mentoring activity

- 2022** William Lewis, Master thesis. Lund University. January – August 2022.
Mia Prall, Master Thesis. Aalborg University January – June 2022.
- 2021** William Lewis, Master Student. Lund University. August – October 2021
Sascha M. Goonesekera. Master Student. University of Groningen. January -June 2021
- 2020** PhD Main supervisor Sean Goodwin. University of Almeria. Inphinit 2020 La Caixa – Incoming.
PhD Main supervisor Maria Ruiz de Gopegui. Universitat Autònoma de Barcelona - ICTA. FPI Maria de Maeztu
PhD co-supervisor Ama Kissiwah Boateng. National University of Public Service, *Budapest*, Hungary.
- 2019** Kimberly Hidalgo, Internship – Guest researcher collaborating in CLIC project – AXA. Recent Master's graduate from the Middlebury Institute of International Studies in California. September 2019 – February 2020
Ama Kissiwah Boateng. Guest researcher. PhD student at the National University of Public Service (*Budapest*, Hungary). September 2019
Julia Cambroneró, Master Student. University of Copenhagen, MSc in Climate Change. – Guest researcher collaborating in CLIC project – AXA. February – July 2019.
Rachel Smith. Internship – Guest researcher collaborating in CLIC project – AXA. Global Change: Ecosystem Science and Policy dual degree programme between University College Dublin, Ireland and Justus Liebig University, Giessen, Germany. January – March 2019

- 2018** Kayin Venner. Internship – Guest researcher collaborating in CLIC project – AXA. Erasmus mobility grant through the Erasmus+ Programme. October 2018 – February 2019.
- 2017** Lies Huitema, Master Student. Msc Environment and Society studies specialisation of 'Local Environmental Change and Sustainable cities' Nijmegen School of Management, Radboud University of Nijmegen, Netherlands. Guest researcher at BC3 Feb.- July 2017. Master Dissertation title: *The application of a Monitoring, Evaluating and Reporting (MER) framework on climate change adaptation measures implemented in cities: An orientation for the case study of Bilbao, Spain*
- 2015** Sara Altamore. Master Student. Master course: Reti per l'efficienza e la sostenibilità energetica del territorio. Università degli studi di Catania, Italy. Guest researcher at BC3 Sept.-Nov. 2015. Master Dissertation: *International advances towards urban climate adaptation: In-depth analysis on the urban water sector*.
- 2011** Mentoring of graduate students/interns at Tecnalia Research & Innovation. Research area: Urban Climate Governance.

Teaching experience

- 2021** Lecturer Curso IAAP (Instituto Asturiano de Administración Pública "Adolfo Posada"). "Módulo IV: Estrategias básicas de adaptación. Adaptación al cambio climático: retos, impactos y estrategias". 26 October 2021
Guest lecturer. CRD 198 Planning Climate Resilient Communities (Spring 2021). University of California, Davis.
- 2018-2021** Lecturer. Master's degree on City Resilience Design and Management. Universitat Internacional de Catalunya. Course on Climate Change and the city: urban climate action monitoring and evaluation. 15-20 hours/y
- 2019** Lecturer: Curso IVAP: Introducción al Cambio Climático en Euskadi. "Cambio Climático: evidencias, causas, acción internacional". 30 October 2019.
- 2019** Lecturer. Fuzzy Cognitive Mapping Workshop. Basque Centre for Climate Change, BC3. 11th January 2019. 4 hours.
- 2018-2019** Lecturer: Kooperatibagintzan' 12. Edizioa, Lanki, Mondragon Unibertsitatea. Course: Sostenibilidad, Cambio Climático y ciudad. 2 hours/y
- 2018** Lecturer. Master Universitario en Ciencias Sociales Aplicadas al Medioambiente. Universidad Pablo de Olavide. Centro de Estudios de Postgrado. Course 2017-18. Topic: Urban resilience to Climate change (24-25 May 2018)
- 2015** Lecturer: "Acción climática a nivel local". Postgraduate course on Climate Change 15 June-10 July 2015. Organised by FLACSO, Seo/BirdLife, WWF España, Greenpeace, FUHEM and Ecologistas en Acción. Collaborating Universidad de Salamanca and Universidad Camilo José Cela.
- 2013** Teaching Assistant (Urban Group). Course: International Spring University on Ecosystem Services Modelling. Organized by BC3, UNESCO Chair – University of the Basque Country and City of Bilbao. March 2013.

Other scientific activities

Academic dissertation reviewer

- 2022** Cinta Lomba. "Guía de gobernanza de las infraestructuras críticas urbanas para municipios resilientes en el contexto del cambio climático". Tecnun, Universidad De Navarra. Escuela Superior De Ingenieros Industriales. Degree of Doctor of Philosophy. March 2022
- 2017** Raquel Gimenez. "Building City resilience through collaboration" Tecnun: Universidad De Navarra. Escuela Superior De Ingenieros Industriales. Degree of Doctor of Philosophy. July 2017

Conferences, sessions and workshops organisation

- 2019** Coordinator of **Klimagune Workshop 2019** (June 2019) "Planificando la adaptación urbana al cambio climático" <https://klimagune.bc3research.org/>
Co-organiser of Session [Monitoring adaptation in cities: Considerations for equity and justice](#) in ECCA 2019, 4th European Climate Change Adaptation conference, Lisbon (Portugal) 28–31 May 2019
- 2018** Conference Organiser (as URNet board member): Reframing Urban Resilience Implementation: Aligning Sustainability and Resilience. 11th International Forum on Urbanism (IFoU) Congress 2018. December 10-11-12 in Barcelona.
- 2017** Session Chair at **Klimagune 2017: Cambio climático y participación**. 31 de mayo 2017. Bizkaia Aretoa
Co-organiser and co-chair of session in **ECCA 2017**, 3rd European Climate Change Adaptation Conference "Our Climate Ready Future", Glasgow, 5th-9th June 2017. Title of session: Adaptation tracking
Co-organiser and co-chair of session in **Resilience 2017** conference, Fourth triennial conference on resilience taking place in Stockholm 21-23 August 2017. Title of session: Urban resilience trade-offs: from theory to practise.

- 2016** Session Chair at **BC3 Summer School 2016**: Climate Change Challenges after Paris agreement, 11th- 13th of July (2016), Palacio Miramar - San Sebastian (Spain). Title of session: Mitigation, impacts, adaptation & vulnerability to climate change (11th July).
- 2013** **Klimagune Workshop 2013** conference organisation (19th Dec. 2013) “Opportunities, barriers and challenges of transitions towards sustainability in the context of Climate Change”
- 2011** Organisation of the **First International Workshop on Urban Resilience**: How to apply resilience thinking to urban environments. Barcelona, 18-19th Nov. **2011**.

Member of Scientific Committees

- 2013- 2019** Member of the **Scientific Committees of Klimagune Workshop** Bilbao.
2019 (June) “Planificando la adaptación urbana al cambio climático”, **2017** (June) “Participation and climate change” **2013** (Dec.) “Opportunities, barriers and challenges of transitions towards sustainability in the context of climate change”
- 2018** Member of the **Scientific Committee of Reframing Urban Resilience Implementation: Aligning Sustainability and Resilience**. 11th International Forum on Urbanism (IFoU) Congress 2018. December 10-11-12 in Barcelona.

Expert review work

Reviewer of research proposals for FORMAS (Swedish Government), 2021 Call (Panel Climate Change and the Built Environment, 8), AXA Research Fund (1), European Science Foundation (2)
 IPCC Expert reviewer (2); Reviewer Adaptation Gap Report (1)
 Books: Springer (1)
Peer-reviewed for: Current Research in Environmental Sustainability (1), Current opinion in Environmental Sustainability (1), Plos ONE (1), Climate and Development (1), Mitigation and Adaptation Strategies for Global Change (2), Journal of Environmental Policy & Planning (1), Wiley Climate Change Reviews (1), Nature Climate Change (1), Water (1), Sustainable cities and society (1), Climatic Change (3), Proceedings of the ICE - Municipal Engineer (2), Landscape and urban planning (1), Nature Urban Sustainability (1), TUD Delft Delta Links (1)

Outreach activities

Public dissemination talks and video materials

- 2022** **Invited talk and panellist** – Aulas + 55. Repensando el papel de las ciudades en la lucha contra el cambio climático. Ignacio Aldecoa Kultura Etxea. Diputación Foral de Álava. 28/03/2022
- 2021** **Keynote speaker** - Ponencia Marco “Retos del cambio climático” en Sarekin Week 2021 (Taller I Climate Sessions: el cambio climático como oportunidad de emprendimiento) https://www.sarekinweek.eus/es/martes_16-00/ 30/11/2021
- 2020** **Invited panel speaker** in webinar “Las Ciudades como motor de transición” organised by Agenda Pública and Funcas. <https://www.youtube.com/watch?reload=9&v=PTpc3Of7SDI> 30/09/2020
Invited panel speaker in Round Table on Climate Change organised by “Cátedra de Catástrofes” of Fundación Aon España in Tecnun, University of Navarra in Donostia-San Sebastián. 28th February 2020.
- 2019** **Invited panel speaker** in AXA PARTNERS’ event on extreme climatic events. 3rd October 2019 Madrid.
Invited panel speaker in AXA XL FFFLive event on climate parametric insurance solutions in Madrid. 2nd July 2019.
Public talk. Nuestro papel frente al cambio climático. Ayuntamiento de Gordexola. 10 Mar 19
Public talk. Cambio climático: retos y oportunidades en nuestras ciudades. Aulas de la tercera Edad. Diputación de Alava. 4 Feb 2019.
- 2018** **Specialised talks**. Cambio Climático (y ciudad). Talk to Basque public system teaching staff. Ingurugela, Basque Government. 25 Oct 2018
Specialised talks. Jornadas técnicas de capacitación del alumnado de centros educativos de secundaria de Nerbioi Ibaizabal. Private contract Ondoan S.COOP. Feb-May 2018
- 2017** **Invited talk**. La ordenación del territorio como herramienta en la lucha contra el cambio climático. Jornadas sobre la revisión de las Directrices de Ordenación Territorial (DOT), Basque Government. 17 mayo 2017. Invited talk
Invited talk. Resiliencia urbana ante el cambio climático. Foro Interescolar 27 de Abril 2017. Organised by Ingurugela (Basque Government).
- 2016** **Policy Briefing Video: Olazabal, M.** and Sainz de Murieta, E. (2016) “Bridging Science and Policy to Mitigate and Adapt Cities to Climate Change: Challenges and Opportunities in the Context of the Basque Declaration”, BC3 Policy Briefing Series, 03-2016, Basque Centre for Climate Change (BC3), Bilbao, Spain. <https://vimeo.com/178012919>

Policy Briefing Video: Olazabal, M., Sainz de Murieta, E., Foudi, S., Chiabai, A., Galarraga, I., Balbi, S., Vogel, L., Román, M.V. and Markandya, A. (2016) "Urban research at BC3: How climate change science can support urban policy making", BC3 Policy Briefing Series, 04-2016, Basque Centre for Climate Change (BC3), Bilbao, Spain. <https://vimeo.com/178309119>

Invited talk. Resiliencia urbana y sostenibilidad. Foro Sustainable Week. 27 April 2016. Invited speaker

Round Table Dialogue. **Olazabal M** and Sainz De-Murieta E. Bridging science and policy to support cities to mitigate and adapt to climate change. Round Table Dialogue in the 8th Sustainable Cities and Towns Conference. Bilbao. 27-29 April 2016.

School talk. What is a scientific career? Esclavas, Bilbao. May 6, 2016.

School talk. Training Caravan. Dissemination talk to undergraduate students. Science and climate change. IEH Bengoetxe, Galdakao. 14 April 2016.

2015 Invited panel speaker. 3er Debate de Cambio Climático y Ciudades. El acuerdo de París y su implementación a nivel local. Foro Ciudad y Energía: alternativas para nuestro siglo. Organizado por la Fundación Alternativas. 17 de Diciembre 2015, Círculo de Bellas Artes, Madrid. Ponente invitado (**invited speaker**)

Invited talk. Las ciudades ante del desafío del cambio climático. Jornada "Los retos del cambio climático y el papel de la empresa ante ellos", December 2, 2015. Organised by Bilbao Ekintza, Bilbao City Council. **Invited talk.**

Opinion articles and broader media articles.

2021 Olazabal M and Lewis W. Is there a unique way to measure adaptation success? The answer may surprise you. Apolitical. 06/12/2021 <https://apolitical.co/solution-articles/en/is-there-a-unique-way-to-measure-climate-adaptation-success>

Olazabal M. Las ciudades costeras ante la emergencia climática. Blog *Un hábitat mejor*. Leroy Merlin. 16/04/2021 <https://unhabitatmejor.leroymerlin.es/las-ciudades-costeras-ante-la-emergencia-climatica>

Olazabal M. Opinion article in Berria (08/01/2021) "Ez da nahikoa" <https://www.berria.eus/paperekoa/1927/039/001/2021-01-08/ez-da-nahikoa.htm>

2020 Olazabal M. Las ciudades como motor de transición para el 'Green Deal'. Agenda Pública. El País. 23/10/2020. <http://agendapublica.elpais.com/las-ciudades-como-motor-de-transicion-para-el-green-deal/>

Olazabal M. ¿Cómo se preparan las ciudades para el cambio climático? Fundación Aquae 19/10/2020. <https://www.fundacionaquae.org/cambio-climatico-ciudades/>

Olazabal M. and Colenbrander S. The future of cities in the face of twin crises? The Conversation 21/04/2020 <https://theconversation.com/the-future-of-cities-in-the-face-of-twin-crises-136765>

2019 Olazabal M. Are our cities effectively planning for climate change? The Conversation 28/02/2019 <https://theconversation.com/are-our-cities-effectively-planning-for-climate-change-112140>

2018 Olazabal, M., Reckien, D., Heidrich, O. (2018) Are we on the right track? This is what we found when re-viewing climate policies in 885 European cities. BC3 Policy Briefs 2018-01. Basque Centre for Climate Change (BC3). Leioa, Spain.

2016 Olazabal M. "El papel de las ciudades tras la Cumbre del Clima de París". Periódico BEZ. 29/01/2016 PRESS article. URL: <http://www.bez.es/881032682/Ciudades-y-cambio-climatico-tras-la-cumbre-del-clima-de-Paris.html>

Radio, press and social media where my work has been covered.

2021 Cremades et al 2021 "Guiding cities under increased droughts: The limits to sustainable urban futures" paper mentioned in [The Conversation](#) and [World Economic Forum](#) blogs.

Alternativas Económica Nº 096 Noviembre 2021 "Ciudades costeras en busca de alternativas" Por Mariana Vilnitsky. <https://alternativaseconomicas.coop/articulo/el-tema-del-mes/ciudades-costeras-en-busca-de-alternativas>

Podcast Acciona "La Canica Azul" dirigido por Antonio Martínez Ron. Episodio 5 "Invisible" <https://www.youtube.com/watch?v=f6UH0qB8qOA>

Press Interview. Berria (17/02/2021) «Ez dakizunean zerbait biziki urgentea ote den, amaierarako uzten da» <https://www.berria.eus/paperekoa/1857/008/001/2021-02-17/ez-dakizunean-zerbait-biziki-urgentea-ote-den-amaierarako-uzten-da.htm>

Ecoticias (12/02/2021) "Presenta el estudio 'Impactos y riesgos derivados del cambio climático en España'" <https://www.ecoticias.com/cambio-climatico/207771/Presenta-estudio-Impactos-riesgos-derivados-cambio-climatico-Espana>

Portafolio.co (22/01/2021) "Estas son las ciudades de América Latina que dejan mayor huella de carbono" <https://www.portafolio.co/economia/cuales-son-las-ciudades-de-america-latina-que-dejan-huella-de-carbon-548473>

2020 Climatica/La Marea (25/11/2020) "¿Están sabiendo adaptarse las ciudades españolas al cambio climático?" <https://www.climatica.lamarea.com/adaptarse-cambio-climatico-ciudades/>

El Ágora (16/11/2020) "Las grandes ciudades no están preparadas para el cambio climático" <https://www.elagoradiario.com/en-profundidad/ciudades-del-futuro/las-grandes-ciudades-no-estan-preparadas-para-el-cambio-climatico/>

- Interview in La Galería (Radio Euskadi) con Bego Yebra – 15/11/2020 <https://www.eitb.tv/es/radio/radio-euskadi/la-galeria/7466423/7636412/la-galeria-2020-2021-15-11-2020/>
- Interview in RTVE Radio 5: Reserva natural – Las grandes ciudades del mundo incumplen sus deberes climáticos – 12/11/20 <https://www.rtve.es/alicarta/audios/reserva-natural/reserva-natural-grandes-ciudades-del-mundo-incumplen-deberes-climaticos-12-11-20/5712963/>
- Interview in Radio Euskadi – La mecánica del caracol – 11/11/2020 ¿Cómo se adaptan las ciudades al cambio climático? <https://www.eitb.eus/es/radio/radio-euskadi/programas/la-mecanica-del-caracol/detalle/7627663/como-adaptar-ciudades-al-cambio-climatico-matematica-combinatoria/>
- Interview for AXA Research Fund – 10/08/2020 Pandemic exposes vulnerabilities of world's cities <https://axa.foleon.com/axa-research-fund/confronting-a-global-crisis/marta-Olazabal/>
- EFE VERDE (09/11/2020) “Las ciudades españolas no están preparadas frente al cambio climático” <https://www.efeverde.com/noticias/ciudades-espanolas-cambio-climatico-bc3/>
- Interview in Radio Euskadi (19/01/2020) <https://www.eitb.eus/es/radio/radio-euskadi/programas/hagase-la-luz/audios/detalle/6968656/audio-barcelona-tiene-plan-crisis-climatica-----/> Programa *Hágase La Luz* – Barcelona: una ciudad con un plan contra la crisis climática.
- Opinion in Climatica/La Marea (17/01/2020) “Barcelona y el reto de las ciudades frente a la crisis climática” <https://www.climatica.lamarea.com/barcelona-reto-ciudades-frente-crisis-climatica/> by Eduardo Robaina.
- 2019** The Print (International Indian Press) (27/12/2019) “Nearly half of 136 coastal cities yet to implement policies to fight climate change: Study” <https://theprint.in/science/nearly-half-of-136-coastal-cities-yet-to-implement-policies-to-fight-climate-change-study/341044/> by Pushp Bajaj.
- Interview for Agencia Sinc (06/12/2019) ¿Qué está haciendo España para combatir la emergencia climática? <https://www.agenciasinc.es/Reportajes/Que-esta-haciendo-Espana-para-combatir-la-emergencia-climatica> by María G. Dionis.
- Interview in Radio Euskadi (22/09/2019) <https://www.eitb.eus/es/radio/radio-euskadi/programas/hagase-la-luz/detalle/6686125/marta-Olazabal-bc3-nos-recuerda-importancia-ciudades-verdes/> Programa *Hágase La Luz* Cambio climático - Las ciudades necesitan más infraestructuras verdes (Spanish)
- Opinion in Climatica/La Marea (13/09/2019) “La DANA evidencia la falta de adaptación al cambio climático” <https://www.climatica.lamarea.com/la-dana-reflejo-de-la-falta-de-adaptacion-al-cambio-climatico/> by Eduardo Robaina.
- Interview in Radio Euskadi (25/08/2019) <https://www.eitb.eus/es/radio/radio-euskadi/programas/hagase-la-luz/detalle/6626819/como-se-preparan-ciudades-hacer-frente-al-cambio-temperaturas/> Programa *Hágase La Luz* Cambio climático - Cómo se preparan las ciudades para hacer frente al cambio de temperaturas (Spanish)
- Interview in Radio Popular. *Egunon Bizkaia* con Arantza Sinobas. Ecología y Medio Ambiente. El cambio climático y cómo abordarlo concretamente en los pueblos y ciudades. 07/08/2019 <https://radiopopular.com/egunon-bizkaia-con-arantza-sinobas-ecologia-y-medio-ambiente-el-cambio-climatico-y-como-abordarlo-concretamente-en-los-pueblos-y-ciudades/> (Spanish)
- Interview in Radio Vitoria (Radio Euskadi) 04/02/2019 on my participation in Aulas de la Tercera Edad (Spanish)
- 2018** Interview in La Galería (Radio Euskadi) 16/07/2018 about AXA Research Fund project. <https://www.eitb.tv/es/radio/radio-euskadi/la-galeria/5049653/5744040/la-galeria-15-07-2018/> (min 49:38) (Spanish)
- Diario Vasco 02/07/2018 “Itsasertzeko hiriak klima aldatetara nola egokitzen diren ikergai” <https://www.diariovasco.com/sociedad/ciencia/itsasertzeko-hiriak-klima-20180702114001-nt.html> (Basque)
- El Correo 04/07/2018 “Kostaldeko hiriak aldaketa klimatikora nola moldatu ikertuko du BC3-ak” <https://www.elcorreo.com/zurekin/kostaldeko-hiriak-aldaketa-20180704195324-nt.html> (Basque)
- Interview in BERRIA newspaper 12/06/2018 «Neurriak orain hartu behar ditugu; ezin da atzeratu». <https://www.berria.eus/paperekoa/1845/040/001/2018-06-12/neurriak-orain-hartu-behar-ditugu-ezin-da-atzeratu.htm> (Basque)
- 2016** El País. 29/02/2016 PRESS/Interview. “Nueva York dedica 100 veces más al cambio climático que Adís Abeba”. URL: http://elpais.com/elpais/2016/02/29/ciencia/1456749697_792373.html
- Periódico Bilbao. 04/02/2016. “La solución está de nuestra mano”. URL: http://www.bilbao.net/cs/Satellite?aniold=1279149109966&c=BIO_Publicacion_FP&cid=1279149859803&language=es&pageid=1279118711919&pagename=Bilbaonet%2FBIO_Publicacion_FP%2FBIO_GrupoPublicacion
- 2015** Foro Ciudades 16/12/2015 SOCIAL MEDIA/NEWS. La investigadora de BC3 Marta Olazabal participa en el "III Debate Cambio Climático y ciudades". URL: <http://www.fundacionalternativas.org/actividades/encuentros/iii-debate-cambio-climatico-y-ciudades>
- SER. 26/11/2015 RADIO/Interview. COP21: Entrevista en Radio Bilbao a la investigadora BC3 Marta Olazabal. URL: http://play.cadenaser.com/audio/ser_bilbao_hoyporhoybilbao_20151126_132000_140000/

Euskadi.eus. 23/11/2015. SOCIAL MEDIA/NEWS El lehendakari propone la transformación de Euskadi en un territorio "inteligente, sostenible, social e integrador, interrelacionado y participativo". URL: http://www.euskadi.eus/gobierno-vasco/contenidos/noticia/2015_11_23_29575/es_29575/29575.html

Blog de IX Jornadas de Gerencia de Riesgos y Emergencias. Arrisku eta larrialdien kudeaketari buruzko jardunaldiak. 16/6/2015 SOCIAL MEDIA/NEWS La investigación como herramienta para sobreponerse a las catástrofes, construyendo la sostenibilidad. URL: <http://gerenciariesgosyemergencias.eu/26-de-mayomartes-la-investigacion-como-herramienta-para-sobreponerse-a-las-catastrofes-construyendo-la-sostenibilidad/>

2013 Mercados de Medio Ambiente. 10/12/2013 SOCIAL MEDIA/Interview. En qué suspenden las ciudades españolas en materia de lucha contra el cambio climático. URL: <http://www.mercadosdemedioambiente.com/actualidad/en-qu-suspenden-las-ciudades-espa-olas-en-materia-de-lucha-contra-el-cambio-clim-tico/>

Cuarto Poder. 04/12/2013 SOCIAL MEDIA/Interview. Las ciudades españolas, entre las peor preparadas contra el cambio climático. URL: <http://www.cuartopoder.es/mecanicamente/las-ciudades-espanolas-entre-las-peor-preparadas-contra-el-cambio-climatico/3705>

SER. 24/03/2013. Radio/Interview. Curso internacional de primavera sobre modelización de los servicios de los ecosistemas, el caso práctico de Bilbao.

EITB. 18/03/2013. Radio/Interview. Modelización de los servicios de los ecosistemas presentados por investigadoras de BC3. URL: <http://www.eitb.tv/es/radio/radio-euskadi/la-mecanica-del-caracol/945042/1289748/impactos-asteroides-y-meteoritos-y-las-matematicas-del-gotico/>

Other relevant information

Part time (family care) from March 2018 to September 2018

Second Maternity leave from September 2017 to March 2018

First Maternity leave from September 2014 to January 2015

Sick leave from October 2010 to June 2011



Bilbao, April 06, 2022