

## **Vanesa Castán Broto- CV**

### **EDUCATION**

- 2013 Postgraduate Certificate ‘Teaching and Learning in Higher Education’, Institute of Education, UK.
- 2010 Engineering Doctorate (EngD) in Environmental Technology, Centre for Environmental Strategy, University of Surrey, UK.
- 2003 Master in Environmental Sciences (Environmental Policy), Wageningen University, the Netherlands.
- 2003 Ingeniero de Montes, E.T.S. Ingenieros de Montes, Universidad Politécnica de Madrid, Spain (Sobresaliente)

### **CURRENT POSITION**

- 2017- Professor of Climate Urbanism, Urban Institute, University of Sheffield

### **PREVIOUS POSITIONS**

- 2014 – 2017 Senior Lecturer, Bartlett Development Planning Unit (DPU), University College London.
- 2013 – 2017 Director of Research and Course Director, DPU, University College London.
- 2011 – 2013 Lecturer, DPU, University College London.
- 2009 – 2010 Research Associate, Department of Geography, Durham University.
- 2005 – 2009 Research Engineer, Forest Research, Alice Holt Lodge.
- 2003 – 2004 Research Assistant, Institute for European Environmental Policy (IEEP), London.

### **AWARDS**

- 2016 Philip Leverhulme Prize (Geography) (Including the award of £100,000 for research)
- 2016 Top Reviewer (Non-Board Member), Journal of Planning Education and Research
- 2013 United Nations Lighthouse Activity for the Urban Poor, Momentum for Change

### **GRANTS**

- Principal investigator. *Community energy and sustainable energy transitions in Ethiopia, Malawi, Mozambique* (CESET). Global Challenges Research Fund. £1.317 million. (2020-2024).
- Principal investigator. *Low Carbon Action in Ordinary Cities*. European Research Council Starting Grant. €1.4million. (2019-2024).
- Co-Investigator. Title: *Knowledges in Action for Urban Equality*. Funded by the Global Challenges Research Fund. £7.04 million. (2018-2022).
- Principal Investigator (supervisor). *Tales from long ago: the lost lakes of Bengaluru and their relevance for modern times*. Newton Fund Post-Doctoral Fellowship. £60.000. (2018-2020).
- Co-Investigator. *Urbanising in Place. Building the food water energy nexus from below*. Belmont Forum/JPI Urban Europe. (2018-2021).
- Co-Investigator. *User-centred cookstove design for Mozambique and Malawi*. Royal Academy of Engineering. £20.000. (2017-2018).
- Principal Investigator. *Participatory Methodologies to Address Intersectionality Challenges in Urban Service Provision*. Funded by the British Academy Sustainable Development Programme (Global Challenges Research Fund). £7281. (2017-2018).
- Principal Investigator: *Unintended Impacts of Low Carbon Developments in Africa: an exploration*. Funded by the British Academy Sustainable Development Programme (Global Challenges Research Fund). £9687. (2017-2018).
- Principal Investigator. *Sustainable Energy Access in Mozambique: Socio-political factors in conflict-laden urban areas*. Funded by the British Academy Sustainable Development Programme (Global Challenges Research Fund). £337,349 (2016-2018)

- Principal Investigator. *Urban energy innovation and transitions in China: spatial configurations and enabling factors*. Bartlett Synergy Grant. £10,000 (2016-2017)
- Principal Investigator. *Mapping Urban Energy Landscapes*. Funded by a Future Research Leaders Grant from the Economic and Social Research Council (ESRC). £214,000 (2013-2016).
- Principal Investigator. *The historical development of water and energy infrastructure in Bangalore, India*. Funded by the Research Development Fund of the Institution of Civil Engineers. £14,000 (2015-2016).
- Placement. *Should gas-related projects be funded with the UK International Climate Fund?* Funded by an Impact Acceleration Grant from the Engineering and Physical Sciences Research Council (EPSRC). Included a placement at the UK's Department for International Development (DFID). £9,950 (2015).
- Principal Investigator. *Development of a Public Private People Partnership (4P) for climate compatible development in Maputo, Mozambique (4PCCD)*. Funded by the Research Fund of the Climate Development Knowledge Network. Received UN Award 'Lighthouse Activity' (see above). £114,000 (2011-2013).
- Co-Investigator: *Shock (not) horror: mediating radical transformations in infrastructure provision*. Funded by the EPSRC. £316,000 (2011-2013).
- Principal Investigator. *Whole systems approaches and local views on the coal industry: a film project*. Conceived to increase the impact of my doctoral research in Bosnia and Herzegovina. Funded by the Research Councils UK. £5,140 (2011).

#### ADVISORY ACTIVITIES

- Chapter Author for the 2020 UN-Habitat *World Cities Report: The Value of Sustainable Urbanization*. This role included launching the report at a high level forum on World Cities Day in October 2020.
- Lead Chapter Author for the 6<sup>th</sup> Assessment Report of the Intergovernmental Panel on Climate Change (IPCC), WGII on Climate Change Impacts and Adaptation (since February 2018) and Contributing Author for the 6<sup>th</sup> Assessment Report of the Intergovernmental Panel on Climate Change, WGIII on Climate Change Mitigation (since March 2019).
- Chapter Author for the 2016 UN-Habitat *World Cities Report: Urbanization and Development - Emerging Futures*. I also presented my work and provided expert advice during two expert meetings organized by the International City Leaders Foundation in Toronto (2014) and in the New York Headquarters of the United Nations (2015). The report has been downloaded over 8000 times.
- Lead Project Contributor for the sub-national learning programme of the Climate Knowledge Development Network, delivered in partnership with local governments for sustainability (ICLEI). Activities included writing two reports on participatory planning for climate change and providing expert input to a stakeholders learning workshop in Bonn, 2013.
- UCL's Lead Coordinator of the DFID project *Future Proofing Cities*. Funded by the UK Department of International Development (DFID) and led by Atkins Ltd. £100,000 (2011-2012).
- Contributing Author to the 2011 UN-Habitat *Global Report on Human Settlements: Cities and Climate Change*. I also presented the contribution to the UN-Habitat Advisory Board in Mombasa, Kenya in 2009.

#### RESEARCH VISITS

- Since 2017 Visiting Professor at the Institute of Global Prosperity, University College London
- 2019 Visiting Professor at the Bilbao Centre for Climate Change (BC3)
- Policy Advisor Placement, Department for International Development, DFID (April-September 2015).
- Visiting scientist, School of Forestry and Environmental Sciences, Yale University (September

2013 and May 2014).

- Visiting scientist, MENA region, World Bank, (March-April 2010).
- Visiting postgraduate student, Workshop of Political Theory and Policy Analysis, Bloomington, Indiana (October 2008).
- Marie Curie Summer Schools about institutional aspects of sustainability in the Universidad Autónoma de Barcelona (2006), Slovak Institute of Social Sciences (2007), and the Universidade de Lisboa (2008)

## **STUDENTSHIPS**

- Engineering Doctorate Grant, EPSRC/University of Surrey/Forest Research (2005-2009).
- International Spanish Cooperation Agency Scholarship, Ministry of Foreign Affairs, Spain. This was a highly competitive fellowship for a research project on ecological restoration of watersheds and undergraduate teaching at the University Juan Misael Saracho in in Tarija, Bolivia (2002).
- Solidarity Scholarship, AMIC (Engineering Insurance Company), Spain (2002-2003).
- Erasmus Scholarship, European Union and Comunidad de Madrid, Spain (2001-2002).
- Information Sciences Scholarship, Universidad Politécnica de Madrid, Spain (1999-2000).

## **SUPERVISION OF GRADUATE STUDENTS (FIRST SUPERVISOR)**

- Román Gómez Cosío, 2013, PhD
- Soozin Ryang, 2014, MPhil
- Martín Sanzana Calvet, 2016, PhD
- Louise Guibrunet, 2017, PhD
- Linda Westman, 2017, PhD
- Deena Khalil, 2019, PhD.
- Modesta Alozie, 2019, PhD.
- Bridget Storrie, 2021.

From 2011-2017, I supervised 8-10 postgraduate dissertations/year, total ca. 50 students.

## **COMMISSIONS OF TRUST**

- Associated editor for *Territory, Politics, Governance* (since 2019) and *Landscape Research* (since 2018)
- Since 2018 External Examiner in Geography, London School of Economics and Politics
- Board of Directors of the Landscape Research Group and associated editor of the journal *Landscape Research* (2016-)
- Member of the Peer Review College of the Economic and Social Research Council (2012-2016).
- Grant awarding committees in Sweden: FORMAS Climate Change Panel, 2017 and 2018. FORMAS Urban/Rural Panel, 2019, 2020 and 2021. Development Studies Panel 2020 and 2021.
- British Academy Grant Awarding Panel on Humanities and Social Sciences Tackling Global Challenges 2020. British Academy Panel evaluating the Wolfson Fellowships 2021.
- UK Higher Education Academy Fellow (since 2014).
- Fellow of the Royal Society of Arts and the Royal Geographical Society
- Editorial Board of the *International Development Planning Review* (since 2012); *Journal of Environmental Planning and Policy* (since 2017); *Local Environment* (Since 2018).
- Regular reviewer for the United Kingdom Research Councils and the Global Challenges Research Fund. I have also served as a reviewer for the Austrian Development Cooperation, the European Research Council, Social Sciences and Humanities Research Council of Canada, Swiss National Science Foundation, the U.S. National Science Foundation, the South Africa's National Research Foundation, the International Social Research Foundation, and the Caixa International

Fellowships.

- Book reviewer for MIT Press, Toronto University Press, Cambridge University Press, Routledge, Polity, Palgrave and Ashgate; peer review of journal articles for more than 30 different academic journals in environmental policy, urban studies, human geography, and energy studies.
- PhD examinations at Linköping University, Lund University, Loughborough University, Royal Holloway, Wageningen University, and UCL.

#### **PUBLIC ENGAGEMENT**

- 2021 Participation in the Festival of the Mind, led by the University of Sheffield in partnership with different institutions with the film “Life of a Cookstove”
- 2020 Participation in the British Academy Summer Showcase with the exhibition “What prevents people from accessing energy in Mozambique?”
- 2017 TV Interview ‘Insight’ TRT Global
- 2016 Blogger BBC World Service
- 2015 Panelist in BBC Radio 4 Shared Planet

## LIST OF PUBLICATIONS

### *Authored Books*

1. **Castán Broto, V.** Urban Energy Landscapes (2019) Cambridge, Cambridge University Press.
2. **Castán Broto, V.** and Westman, L. (2019) Urban Sustainability and Justice. London: Zed Books.
3. **Castán Broto, V.**, Ensor, J., Boyd, E., Allen, C., Seventine, C., & Augusto Macucule, D. (2015). *Participatory Planning for Climate Compatible Development in Maputo, Mozambique / Planeamento participativo para o desenvolvimento compatível com o clima em Maputo, Moçambique*. Bilingual edition. London: UCL Press. With a foreword by Christiana Figueres.
4. Bulkeley, H. A., **Castán Broto, V.**, & Edwards, G. A. S. (2014). *An Urban Politics of Climate Change: Experimentation and the governing of socio-technical transitions*. London: Routledge.

### *Edited Books and Special Issues*

1. Rigon, Andrea and **Castán Broto, V.** (2021) *Inclusive Urban Development in the Global South*. London: Routledge.
2. **Castán Broto, V.**, Robin, E. While A. (2020) *Climate Urbanism*. London: Palgrave.
3. **Castán Broto, V.** and Baker, L. (2018) *Spatial Adventures in Energy Studies: Emerging Geographies of Energy Production and Use*. Energy Research and Social Sciences. Vol 36.
4. Frantzeskaki, N., **Castán Broto, V.**, Coenen, L., Loorbach, D. (2017) *Urban sustainability transitions*. Studies in Sustainability Transitions. New York, NY: Routledge.
5. Bouzarovski, S., Pasqualetti, M.J., **Castán Broto, V.** (2017) *The Routledge Research Companion to Energy Geographies*. London: Routledge.
6. Bulkeley, H., **Castán Broto, V.**, Hodson, M., & Marvin, S. (2011). *Cities and Low Carbon Transitions*. London: Routledge.

### *Journal Papers*

1. **Castán Broto, V.**, Sudhira, H.S. and Unnikrishnan, H., 2021. WALK THE PIPELINE: Urban Infrastructure Landscapes in Bengaluru's Long Twentieth Century. *International Journal of Urban and Regional Research*. Advance online publication.
2. **Castán Broto, V.** and Robin, E., 2020. Climate urbanism as critical urban theory. *Urban Geography*, pp.1-6. Advance online publication.
3. Robin, E. and **Castán Broto, V.**, 2020. Towards a postcolonial perspective on climate urbanism. *International Journal of Urban and Regional Research*. Advance online publication.
4. Padan, Y., **Castán Broto, V.**, Roberts, D., and Rendell, J. (2020) A 'Minifesta' as the Promise of Collective Voice. *AXON Creative Explorations*. Vol 10, No 2, December 2020.
5. **Castán Broto, V.**, 2020. On shapeshifting monsters and navigating territory: politics and governance during the pandemic. *Territory, Politics, Governance*. 8(5): 599-603.

6. **Castán Broto, V.**, Mah, D., Zhang, F., Huang, P., Lo, K. and Westman, L., 2020. Spatiotemporal perspectives on urban energy transitions: a comparative study of three cities in China. *Urban Transformations*, 2(1), pp.1-23.
7. Kirshner, J., **Castán Broto, V.** and Baptista, I., 2020. Energy landscapes in Mozambique: The role of the extractive industries in a post-conflict environment. *Environment and Planning A: Economy and Space*, 52(6), pp.1051-1071.
8. **Castán Broto, V.**, 2020. Beyond tabulated utopias: Action and contradiction in urban environments. *Urban Studies*, 57(11), pp.2371-2379.
9. **Castán Broto, V.**, Maria de Fátima, S.R. and Guibrunet, L., 2020. Energy profiles among urban elite households in Mozambique: Explaining the persistence of charcoal in urban areas. *Energy Research & Social Science*, 65, p.101478.
10. **Castán Broto, V.** and Westman, L.K., 2020. Ten years after Copenhagen: Reimagining climate change governance in urban areas. *Wiley Interdisciplinary Reviews: Climate Change*, 11(4), p.e 643.
11. Dodds, K., **Castán Broto, V.**, Detterbeck, K., Jones, M., Mamadouh, V., Ramutsindela, M., Varsanyi, M., Wachsmuth, D. and Woon, C.Y., 2020. The COVID-19 pandemic: territorial, political and governance dimensions of the crisis. *Territory, Politics, Governance*. 8(3): 289-298.
12. **Castán Broto, V.** and Kirshner, J., 2020. Energy access is needed to maintain health during pandemics. *Nature Energy*, 5: 419–421.
13. **Castán Broto, V.** and Sanzana Calvet, M., 2020. Sacrifice zones and the construction of urban energy landscapes in Concepción, Chile. *Journal of Political Ecology*, 27(1), pp.279-299.
14. Huang, P., **Castán Broto, V.** and Westman, L.K., 2020. Emerging dynamics of public participation in climate governance: A case study of solar energy application in Shenzhen, China. *Environmental Policy and Governance*, 30(6): 306-318.
15. **Castán Broto, V.**, 2020. Climate change politics and the urban contexts of messy governmentalities. *Territory, Politics, Governance*, 8(2): 241-258.
16. Unnikrishnan, H., Nagendra, H. and **Castán Broto, V.**, 2020. Water governance and the colonial urban project: the Dharmambudhi lake in Bengaluru, India. *Urban Geography*, pp.1-26.
17. Sawas, A., **Castán Broto, V.**, Anwar, N.H. and Rehman, A., 2020. Intersectional coproduction and infrastructural violence: experiences from Pakistan. *Community Development Journal*, 55(1), pp.83-101.
18. Lo, K. and **Castán Broto, V.**, 2019. Co-benefits, contradictions, and multi-level governance of low-carbon experimentation: Leveraging solar energy for sustainable development in China. *Global Environmental Change*, 59, p.101993.
19. **Castán Broto, V.** and Sudhira, H.S., 2019. Engineering modernity: Water, electricity and the infrastructure landscapes of Bangalore, India. *Urban Studies*. 56(11): 2261-2279.
20. Westman, L.K., **Castán Broto, V.** and Huang, P., 2019. Revisiting multi-level governance theory: Politics and innovation in the urban climate transition in Rizhao, China. *Political Geography*, 70, pp.14-23.
21. **Castán Broto, V.**, Trencher, G., Iwaszuk, E., & Westman, L. (2018). Transformative capacity and local action for urban sustainability. *Ambio*. Volume 48, Issue 5, pp 449–462.

22. **Castán Broto, V.** and Neves Alves, S., (2018). Intersectionality challenges for the co-production of urban services: notes for a theoretical and methodological agenda. *Environment and Urbanization*. 30(2): 367-386.
23. **Castán Broto, Vanesa.** Green City Promises and "Just Sustainabilities". *RCC Perspectives*, no. 1 (2018): 55-64.
24. Westman, L.K. and **Castán Broto, V.**, (2018). Techno-economic rationalities as a political practice in urban environmental politics in China. *Environment and Planning C: Politics and Space*, 37 (2): 277-297.
25. **Castán Broto, V.**, Baptista, I., Kirshner, J., Smith, S. and Alves, S.N., (2018). Energy justice and sustainability transitions in Mozambique. *Applied Energy*, 228, pp.645-655.
26. Mulugetta, Y. and **Castán Broto, V.**, (2018). Harnessing deep mitigation opportunities of urbanisation patterns in LDCs. *Current Opinion in Environmental Sustainability*, 30, pp.82-88.
27. Huang, P. and **Castán Broto, V.**, (2018). The interdependence between urban processes and energy transitions: The Dimensions of Urban Energy Transitions (DUET) framework. *Environmental Innovation and Societal Transitions*. 28: 35-45.
28. Huang, P., **Castán Broto, V.**, Liu, Y. and Ma, H., (2018). The governance of urban energy transitions: A comparative study of solar water heating systems in two Chinese cities. *Journal of Cleaner Production*, 180, pp.222-231.
29. Westman, L. and **Castán Broto, V.**, (2018). Climate governance through partnerships: A study of 150 urban initiatives in China. *Global Environmental Change*, 50, pp.212-221.
30. López-Navarro, M.A., Tortosa-Edo, V. and **Castán Broto, V.**, (2018). Firm-local community relationships in polluting industrial agglomerations: How firms' commitment determines residents' perceptions. *Journal of Cleaner Production*, 186, pp.22-33.
31. Fuso Nerini F, Tomei J, To LS, Bisaga I, Parikh P, Black M, Borrion, A, Spataru, C, **Castán Broto, V**, Anandarajah, G, Milligan, B & Mulugetta, Y. (2018) Mapping synergies and trade-offs between energy and the Sustainable Development Goals. *Nature Energy*. 3:10-5.
32. Huang, P., **Castán Broto, V.**, and Liu, Y. (2018) From “transitions in cities” to “transitions of cities”: The diffusion and adoption of solar hot water systems in urban China. *Energy Research and Social Science*, Vol 36, pp. 156-164.
33. **Castán Broto, V.** and Baker, L. Spatial Adventures in Energy: An Introduction to the Special Issue. *Energy Research and Social Science*, Vol 36, pp. 1-10.
34. **Castán Broto, V.**, Stevens, L., Ackom, E., Tomei, J., Parikh, P., Bisaga, I., To, L.S., Mulugetta, Y., Kirshner, J. (2017) Universal access to sustainable energy in urban areas. *Nature Energy*, 2(10).
35. **Castán Broto, V.** (2017). Energy landscapes and urban trajectories towards sustainability. *Energy Policy*. 108: 755-764.
36. **Castán Broto, V.** (2017) Energy sovereignty and development planning: the case of Maputo, Mozambique. *International Development Planning Review*. 39 (3), 229-248.
37. **Castán Broto, V.** (2017). Urban Governance and the Politics of Climate Change. *World Development*. 93: 1-15.

38. Caprotti, F., Cowley, R., Datta, A., **Castán Broto, V.**, Gao, E., Georgeson, L., Herrick, C., Odendaal, N. and Joss, S. (2017) The New Urban Agenda: key opportunities and challenges for policy and practice. *Urban Research & Practice*. 10(3): 367-378.
39. **Castán Broto, V.** (2016). Natural Gas and Climate Finance. *Climate Policy*. 18(2): 170-183.
40. Guibrunet, L., Sanzana Calvet, M., & **Castán Broto, V.** (2016). Flows, system boundaries and the politics of urban metabolism: waste management in Mexico City and Santiago de Chile. *Geoforum* 85: 353-367.
41. **Castán Broto, V.**, & Westman, L. (2016). Just Sustainabilities and Local Action: Evidence from 400 Flagship Initiatives. *Local Environment: the international journal of justice and sustainability*, 22 (5), 635-650.
42. Trencher, G., **Castán Broto, V.**, Takagi, T., Springs, Z., Nishida, Y., & Yarime, M. (2016). Innovative policy practices to advance building energy efficiency and retrofitting: Approaches, impacts and challenges in ten C40 cities. *Environmental Science and Policy*. 66, 353-365.
43. **Castán Broto, V.**, & Dewberry, E. (2016). Economic crisis and social learning for the provision of public services in two Spanish municipalities. *Journal of Cleaner Production*, 112, 3018-3027.
44. **Castán Broto, V.** (2016). Innovation Territories and Energy Transitions: Energy, Water and Modernity in Spain, 1939–1975. *Journal of Environmental Policy & Planning*, 18(5), 712-729.
45. **Castán Broto, V.** (2015). Contradiction, intervention and urban low carbon transitions. *Environment and Planning D: Society and Space*. 33, 430-476.
46. Sanzana Calvet, M., & **Castán Broto, V.** (2015). Neoliberal Shock, Infrastructure Disruption, and Restructuring in Chile. *Critical Planning*, 22, 11-34.
47. Walsh, C. L., Glendinning, S., **Castán Broto, V.**, Dewberry, E., & Powell, M. (2015). Are wildcard events on infrastructure systems opportunities for transformational change? *Futures*, 67, 1-10.
48. **Castán Broto, V.**, Macucule, D., Boyd, E., Ensor, J., & Allen, C. (2015). Building Collaborative Partnerships for Climate Change Action in Maputo, Mozambique. *Environment and Planning A: international journal of urban and regional research*. 47, 571-587.
49. Johnson, C. E., Milic, N., & **Castán Broto, V.** (2015). History, Memory and Everyday Environmentalism. The Case of New Belgrade. *Southeast Europe. Journal of Politics and Society*, 63(3), 467-490.
50. **Castán Broto, V.**, Boyd, E., & Ensor, J. (2015). Participatory urban planning for climate change adaptation in coastal cities: Lessons from a pilot experience in Maputo, Mozambique. *Current Opinion in Environmental Sustainability*, 13, 11-18.
51. **Castán Broto, V.**, Salazar, D., & Adams, K. (2014). Communities and urban energy landscapes in Maputo, Mozambique. *People, Place, Policy*, 8(3), 192-207.
52. Powell, M., Glendinning, S., **Castán Broto, V.**, Dewberry, E., & Walsh, C. (2014). Shaped by shock: Staff on the emergency department ‘shop floor’. *Anthropology in Action*, 21(2), 14-22.
53. Boyd, E., Ensor, J., **Castán Broto, V.**, & Juhola, S. (2014). Environmentalities of urban climate governance in Maputo, Mozambique. *Global Environmental Change*, 26(1), 140-151.

54. **Castán Broto, V.**, Glendinning, S., Dewberry, E., Walsh, C., & Powell, M. (2014). What can we learn about transitions for sustainability from infrastructure shocks? *Technological Forecasting and Social Change*, 84, 186-196.
55. Bulkeley, H., **Castán Broto, V.**, & Maassen, AC. (2014). Low-carbon Transitions and the Reconfiguration of Urban Infrastructure. *Urban Studies*, 51(7), 1471-1486.
56. **Castán Broto, V.** (2014). Viewpoint: Planning for climate change in the African city. *International Development Planning Review*, 36(3), 257-264.
57. **Castán Broto, V.**, & Bulkeley, H. (2013). Maintaining climate change experiments: Urban political ecology and the everyday reconfiguration of urban infrastructure. *International Journal of Urban and Regional Research*, 37(6), 1934-1948.
58. Bulkeley, H., Carmin, J., **Castán Broto, V.**, Edwards, G. A. S., & Fuller, S. (2013). Climate justice and global cities: Mapping the emerging discourses. *Global Environmental Change*, 23(5), 914-925.
59. **Castán Broto, V.**, Oballa, B., & Junior, P. (2013). Governing climate change for a just city: Challenges and lessons from Maputo, Mozambique. *Local Environment*, 18(6), 678-704.
60. **Castán Broto, V.** (2013). Symbolic violence and the politics of environmental pollution science: The case of coal ash pollution in Bosnia and Herzegovina. *Antipode*, 45(3), 621-640.
61. **Castán Broto, V.**, & Bulkeley, H. (2013). A survey of urban climate change experiments in 100 cities. *Global Environmental Change*, 23(1), 92-102.
62. **Castán Broto, V.** (2013). Employment, environmental pollution and working class life in Tuzla, Bosnia and Herzegovina. *Journal of Political Ecology: case studies in history and society*, 20, 1-13.
63. Bulkeley, H., & **Castán Broto, V.** (2013). Government by experiment? Global cities and the governing of climate change. *Transactions of the Institute of British Geographers*, 38(3), 361-375.
64. **Castán Broto, V.** (2012). Exploring the lay/expert divide: the attribution of responsibilities for coal ash pollution in Tuzla, Bosnia and Herzegovina. *Local Environment: the international journal of justice and sustainability*. 17(8), 879-895.
65. Bulkeley, H., & **Castán Broto, V.** (2012). Urban experiments and climate change: securing zero carbon development in Bangalore. *Contemporary Social Science*. 9(4), 393-414. Reprinted in Canter, D. (Ed.) *Social Science Perspectives on Climate Change*. Academy of Social Sciences.
66. Bulkeley, H., **Castán Broto, V.**, & Edwards, G. (2012). Bringing climate change to the city: towards low carbon urbanism? *Local Environment: the international journal of justice and sustainability*, 17(5), 545-551.
67. **Castán Broto, V.** (2012). Environmental conflicts, research projects and the generation of collective expectations: A case study of a land regeneration project in Tuzla, Bosnia and Herzegovina. *Public Understanding of Science*, 21(4), 432-446.
68. **Castán Broto, V.**, Allen, A., & Rapoport, E. (2012). Interdisciplinary Perspectives on Urban Metabolism. *Journal of Industrial Ecology*, 16(6), 851-861.
69. **Castán Broto, V.** (2012). Social housing and low carbon transitions in Ljubljana, Slovenia. *Environmental Innovation and Societal Transitions*, 2, 82-97.

70. **Castán Broto, V.** (2011). The Performance of Environmental Science in Research Teams. *Science as Culture*, 20(3), 329-348.
71. Janasik, N., Salmi, O., & **Castán Broto, V.** (2010). Levels of learning in environmental expertise: From generalism to personally indexed specialisation. *Journal of Integrative Environmental Sciences*, 7(4), 297-313.
72. **Castán Broto, V.**, Burningham, K., Carter, C., & Elghali, L. (2010). Stigma and attachment: Performance of identity in an environmentally degraded place. *Society and Natural Resources*, 23(10), 952-968.
73. **Castán Broto, V.**, Gislason, M., & Ehlers, M. H. (2009). Practising interdisciplinarity in the interplay between disciplines: experiences of established researchers. *Environmental Science and Policy*, 12(7), 922-933.
74. **Castán Broto, V.**, Carter, C., & Elghali, L. (2009). The governance of coal ash pollution in post-socialist times: Power and expectations. *Environmental Politics*, 18(2), 279-286.
75. Doick, K. J., Sellers, G., **Castán Broto, V.**, & Silverthorne, T. (2009). Understanding success in the context of brownfield greening projects: The requirement for outcome evaluation in urban greenspace success assessment. *Urban forestry and urban greening*, 8(3), 163-178.
76. Scolobig, A., **Castán Broto, V.**, & Zabala, A. (2008). Integrating multiple perspectives in social multicriteria evaluation of flood-mitigation alternatives: The case of Malborghetto-Valbruna. *Environment and Planning C: Government and Policy*, 26(6), 1143-1161.
77. **Castán Broto, V.**, Tabbush, P., Burningham, K., Elghali, L., & Edwards, D. (2007). Coal ash and risk: Four social interpretations of a pollution landscape. *Landscape Research*, 32(4), 481-497.

*Chapters in edited books (19)*

1. **Castán Broto, V.** 2021. The European Green Deal and the challenge of systemic change in urban areas. In Abdullah, H. (Ed.) *Towards a European Green Deal with Cities. The urban dimension of the EU's sustainable growth strategy*. Monografia CIDOB nº 80
2. **Castán Broto, V.**, 2019 The governance of climate change in urban areas. *Handbook of Urban Geography*. Edward Elgar.
3. **Castán Broto, V.** and Guibrunet, L., 2018. Urban metabolism as governmentality: governing the city of flows. In Jensen, J.S., Cashmore, M., Späth, P. (Eds.) *The Politics of Urban Sustainability Transitions* (pp. 120-138). Routledge.
4. **Castán Broto, V.** and Bulkeley, H. (2018) Realigning circulations: how urban climate change experiments gain traction. In: Turnheim, B., Kivimaa, P. and Berkhout, F. (eds.) *Innovating climate governance: moving beyond experiments*. Cambridge, Cambridge University Press.
5. Salazar, D., **Castán Broto, V.** and Adams, K., (2018). Urban Infrastructure and Energy Poverty in Maputo, Mozambique. In *Environmental Justice and Urban Resilience in the Global South* (pp. 259-276). Palgrave Macmillan, New York.
6. **Castán Broto, V.**, (2018). Urban living labs, “smart” innovation and the realities of everyday access to energy. In S Marvin, H Bulkeley, L Mai, K McCormick, YV Palgan (Eds) *Urban Living Labs: Experimenting with City Futures*. London, Routledge.

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- **Castán Broto, V.** and Michelle Cook (2019) “What prevents people from accessing energy in Mozambique?” Mixed media exhibition including a home-like installation, exhibition of cooking objects and a soundscape. Presented at the British Academy Summer Showcase.

### Blogs and briefs

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