

## Current position

- May 2024 - **Post-doctoral researcher**, *Institut de Ciència i Tecnologia Ambientals of the Universitat Autònoma de Barcelona (ICTA-UAB)*.
- ♦ Topic : Modeling public support for climate policies.
  - ♦ Supervisor : Jeroen van den Bergh (ICREA, ICTA-UAB, VU Amsterdam).

## Education

- Jan 2021 - **Ph.D. in Economics**, *CIREN (Centre International de Recherche sur l'Environnement et le Développement, Paris) and Technische Universität Berlin*.
- Mar 2024
- ♦ Topic : Large-scale urban modeling for environmental diagnosis and policy.
  - ♦ Supervisors : Vincent Viguié (CIREN), Felix Creutzig (TU Berlin, MCC).
- 2018 - 2019 **Master in Economics**, *Ecole Polytechnique and ENSAE, France*.
- ♦ Specialization : Urban economics, Development Economics, Environmental Economics, Public Policy Evaluation.
  - ♦ Master thesis : "Planning for environmental justice – reducing well-being inequalities through urban greening", supervised by Léa Tardieu (INRAE, CIREN) and Yann Kervinio (CIREN).
- 2016 - 2019 **ENSAE ParisTech**, *Master degree in Economics and Statistics*.
- ♦ Advanced courses in econometrics, quantitative economics and sociology, and machine learning.
  - ♦ Specialization : Data Science and Social Sciences

## Relevant work experience

- June - Dec 2020 **Global Facility for Disaster Reduction and Recovery**, *World Bank*.
- ♦ Theoretical model for analysis of ex-ante flood management strategies.
  - ♦ Urban modelling and flood risks analysis in the city of Cape Town.
- Nov 2019 - **Research Engineer at CNRS - CIREN**, *Urban economics*.
- May 2020
- ♦ Urban economics model calibration on various cities worldwide.
  - ♦ Scenario simulations and environmental evaluations.
- May-Nov 2019 **Research intern on green spaces and social inequalities in the Paris metropolitan area**, *CIREN and French Ministry of Environment, Paris*.
- Jun-Sep 2017 **Internship at the Economics Department of the OECD**.

## Publications and work in progress

- Publications**
- Liotta, C. 2024. *What drives inequalities in Low Emission Zones' impacts on job accessibility?* Transport Policy.
- Creutzig, F., Becker, S., Berrill, P., et al. 2024. *Towards a public policy of cities and human settlements in the 21st century*. npj Urban Sustain 4, 29.
- Liotta, C., Avner, P., Viguié, V., Selod, H., Hallegatte, S. 2024. *Climate policy and inequality in urban areas : beyond incomes*. Urban Climate 53, 101722.
- Liotta, C., Viguié, V., Creutzig, F. 2023. *Environmental and welfare gains via urban transport policy portfolios across 120 cities*. Nature Sustainability.
- Lepetit, Q., Viguié, V., Liotta, C. 2023. *A gridded dataset on densities, real estate prices, transport, and land use inside 192 worldwide urban areas*. Data in Brief 47, 108962.

Viguié, V., Liotta, C., Pfeiffer, B., Coulombel, N. 2023. *Can public transport improve accessibility for the poor over the long term? Empirical evidence in Paris, 1968-2010*. Journal of Transport Geography 106, 103473.

Liotta, C., Viguie, V., Lepetit, Q. 2022. *Testing the monocentric standard urban model in a global sample of cities*. Regional Science and Urban Economics, 103832.

Liotta, C., Y. Kervinio, H. Levrel, Tardieu, L. 2020. *Planning for environmental justice—reducing well-being inequalities through urban greening*. Environmental Science and Policy 112, 47-60.

**Working papers** Liotta, C., Avner, A., Hallegatte, S. 2023. *Efficiency and equity issues in flood management policies : a systematic urban economics exploration*. Policy Research Working Papers 10292. World Bank.

**In progress** Javaid, A., Soomaroo, Z., Ayaragarnchanakul, E., Hu, J., Emodi, N.V., Liotta, C., Ahmad, S., Creutzig, F. *Prevent Carmageddon, facilitate livability : Multi-prong, multi-level policy approaches for rapidly growing cities in developing countries*.

**Policy reports** Tardieu L, Viguié V, Hamel P, Lemonsu A, de Munck C., Kervinio Y, Coste L, Claron C, Faure E, Geoffroy E, Liotta C, Mikou M, Ta M-T, Levrel H. (2021). *Prise en compte des services écosystémiques dans les décisions d'aménagement urbain – Méthodologie et retour d'expérience pilote IDEFESE menée en Île-de-France*. Rapport EFESI, La Documentation Française, France.

**Other writings** Liotta, C., Viguié, V. 2021. *Pourquoi les villes continuent-elles à s'étendre ?*. Regards croisés sur l'économie, 28, 178-188.

## Conference and Seminar Presentations

2023 **EASM** (Equitable Accessibility and Sustainable Mobility) workshop (Leeds, UK), **ITS Leeds Seminar**, **OFCE** (Observatoire français des conjonctures économiques) Seminar (Paris, France), **CIREN Summer School** (Paris, France).

2022 **Urban Transitions** conference (Sitges, Spain), **MCC** (Mercator Institute on Global Commons and Climate Change) Seminar (Berlin, Germany), **FHI 360 Seminar**.

2021 **UEA North American** conference (online), **UEA Summer School** (online), **FAERE conference** (Grenoble, France), **FAERE Doctoral workshop** (online).

2019 **ESP** (Ecosystem Services Partnership) conference (Hanover, Germany).

## Teaching

Spring 2024 **“Economic calculation“ tutorials** (8 hours), Ecole des Ponts ParisTech.

Fall 2023 **Guest lecture on "Mitigating GHG emissions in developing country cities"** (4 hours), Gustave Eiffel University.

Fall 2022 **“Introduction to Economics“ tutorials** (35 hours), Ecole des Ponts ParisTech.

2022-2024 **Guest lectures on “Cities and Climate Change“** (3 hours), at AgroParisTech, Ecole des Ponts ParisTech, and Paris-Dauphine University.

## Supervision

2024-2028 Co-supervision of Ioanna Mokka's and Valentina Guldberg's PhDs at ICTA - UAB (with Jeroen van den Bergh and Lewis King).

Spring 2022 Co-supervision of Lou Mandonnet's internship (AgroParisTech) with Vincent Viguié.

## Grants

2021-2023 **18-month doctoral fellowship**, ENPC (Ecole des Ponts ParisTech).

2021-2023 **18-month doctoral fellowship**, DAAD (German Academic Exchange Service).

2021-2023 **Paris Est University mobility grant** (10,000 euros).

2020-2021 **Palladio Foundation Research Grant** (10,000 euros).

## Miscellaneous

Programming Python, R, Stata, QGIS, MATLAB.

Langages French (native), English (TOEIC 950/990), German (B1 level), Spanish (A2 level).

Refereeing *Nature Communications, PNAS, Scientific Reports, Journal of Transport Geography, Climatic Change, Regional Studies, PLOS One, Environmental Science and Pollution Research, Empirical Economics, Environment and Planning B, Journal of Environmental Planning and Management.*