

Eugeni Vidal Tortosa

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Nationality: Spanish

WORK EXPERIENCE

[01/12/2024 – Current]

Postdoctoral Researcher in Urban Planning and Mobility

Department of Geography, Universitat Autònoma de Barcelona <https://gemott-uab.cat/en/>

City: Barcelona | **Country**: Spain

Link: <https://gemott-uab.cat/en/portfolio/mobififteen-2/>

- Developing the conceptual framework for the ATRAPA (Active Travel Backlash Paradox) project and leading spatial analysis on urban interventions and public response.
- Co-supervising doctoral students in the Research Group on Mobility, Transport, and Territory (GEMOTT).
- Assisting in the implementation of core outcomes of the ATRAPA project.
- Supporting the development of a database linking urban interventions with electoral outcomes for the ATRAPA project.
- Contributing to publications and collaborating within the GEMOTT team.

[01/04/2022 – 31/03/2024]

Research Fellow in Active Travel and Road Safety Data Science

Institute for Transport Studies, University of Leeds <https://environment.leeds.ac.uk/transport>

City: Leeds | **Country**: United Kingdom

Links: <https://cruse.bike/> | <https://github.com/saturnlighting>

- Supporting the SATURN (Supporting Active Travel Using Road-lighting at Night) project to advance understanding of the impacts of physical infrastructure, including street lighting, on active travel uptake and safety.
- Contributing to the CRUSE (Cycle Route Uptake & Scenario Estimation tool for Transport Infrastructure Ireland) project to create a national cycling uptake model for Ireland.
- Co-supervising Transport Planning MSc students.
- Contributing to the academic environment, by supporting others with their work, generating ideas, and providing constructive feedback on research plans.

[01/10/2017 – 18/10/2021]

Postgraduate Researcher

Leeds Institute for Data Analytics (LIDA), University of Leeds, Leeds <https://lida.leeds.ac.uk/>

City: Leeds | **Country**: United Kingdom

Link: <https://eugenividal.github.io/index.html>

- Conducting research on my PhD project in Data Analytics and Society: 'Cycling and socioeconomic disadvantage'.
- Assisting in the teaching of the MSc modules: GEOG5927M Predictive Analytics, and TRAN5115M Sustainable Spatial Planning and Analysis. This role involved teaching on a range of software including R, QGIS, Netlogo, and Excel.

[01/02/2005 – 01/02/2015]

Transport Planner

INTRA Ingeniería de Tráfico, SL <https://intrasl.net/>

City: Barcelona | **Country**: Spain

- Leading sustainable transport and active travel plans (e.g. the Local Transport Plans for Girona, Sant Cugat, and Lloret; the Cycling Master Plans for Bahía de Cádiz,

Lleida, and Hospitalet; the Study of active modes for the Mobility Master Plan for the Barcelona Metropolitan Region).

- Coordinating Local Road Safety Plans for municipalities such as Sant Cugat, Reus, Vic, Manresa, Igualada, and Santa Coloma.
- Conducting monthly road safety reports and studies for Abertis Infraestructuras, S.A.

EDUCATION AND TRAINING

[01/10/2017 – 18/11/2021]

Integrated PhD and MSc in Data Analytics and Society

University of Leeds <https://lida.leeds.ac.uk/study-training/datacdt/>

City: Leeds | **Country:** United Kingdom |

- Thesis title: 'Cycling and socioeconomic disadvantage'.
- Supervisors: Dr Robin Lovelace (University of Leeds), Prof Dr Eva Heinen (Technische Universität Dortmund and Norwegian University of Science and Technology), and Dr Richard P Mann (University of Leeds and The Alan Turing Institute).
- MSc relevant modules: Programming for Social Science; Understanding Data and its Environment; Social Analytics and Visualization; Statistical Theory and Methods; Statistical Learning; Predictive Analytics.
- MSc dissertation title: 'Inequalities in active travel in England: An analysis based on the first three years of the Active Lives Survey 2016/2018'.

[01/10/2016 – 30/09/2017]

MSc in Transport Planning

Institute for Transport Studies, University of Leeds, Leeds <https://courses.leeds.ac.uk/8968/transport-planning-msc>

City: Leeds | **Country:** United Kingdom |

- Relevant modules: Understanding Travel Behaviour; Principles of Transport Modelling; Transport Data Collection and Analysis; Sustainable Spatial Planning and Analysis; Transport Public Planning and Management; Road Safety Management.
- Dissertation title: 'Walking and cycling in the Upper Calder Valley: An analysis of active travel accessibility and measures to improve it'.

[01/10/2007 – 30/09/2008]

Master's degree in Mobility Management

Technical University of Catalonia

City: Barcelona | **Country:** Spain |

- Relevant modules: Analysis of Mobility and its Interactions; Infrastructure, Territory, and Environmental Impact; Traffic Management; Traffic Regulation and Control; Parking Management; Transport Logistics; Road Safety.
- Dissertation title: 'Analysis of black spots on Spanish motorways'.

[01/10/2002 – 30/09/2004]

Master's degree in Strategies and Environmental Management

University of Valencia

City: Valencia | **Country:** Spain |

- Relevant modules: Introduction to the Environment; Environmental Management; Environmental Strategies; Techniques and Tools in the Preparation of Environmental Projects.
- Dissertation title: 'Sustainable urban mobility study in Ontinyent'.

[01/10/1996 – 30/09/2002]

Bachelor of Laws

University of Valencia

City: Valencia | **Country:** Spain |

- Principal subjects: Law Theory; History of Law; Political Economics and Public Treasury; Roman Law; Constitutional Law; Civil Law; Administrative Law;

LANGUAGE SKILLS

Mother tongue(s): Catalan , Spanish

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

R language and R studio | R Markdown | QGIS (Advanced level) | GitHub | Python
Basic | OmniTRANS | Net Logo | HTML Basic | SPSS | Microsoft Office

PUBLICATIONS

- [2024] [Cycle Route Uptake and Scenario Estimation \(CRUSE\): an approach for developing strategic cycle network planning tools](#)
- Lovelace, R., Talbot, J., **Vidal-Tortosa, E.**, Mahfouz, H., Brick, E., Wright, P., ... & Meade, S. (2024). Cycle Route Uptake and Scenario Estimation (CRUSE): an approach for developing strategic cycle network planning tools. *European Transport Research Review*, 16(1), 1-17.
- [2023] [Road lighting and cycling: A review of the academic literature and policy guidelines](#)
- Vidal-Tortosa, E.**, & Lovelace, R. (2023). Road lighting and cycling: A review of the academic literature and policy guidelines. *Journal of Cycling and Micromobility Research*, 100008.
- [2022] [Cycling and socioeconomic \(dis\) advantage](#)
- Vidal-Tortosa, E.**, Heinen, E., & Lovelace, R. (2022). Cycling and socioeconomic (dis) advantage. *Advances in Transport Policy and Planning*, 10, 211-233.
- [2021] [Socioeconomic inequalities in cycling safety: An analysis of cycling injury risk by residential deprivation level in England](#)
- Vidal-Tortosa, E.**, Lovelace, R., Heinen, E., & Mann, R. P. (2021). Socioeconomic inequalities in cycling safety: An analysis of cycling injury risk by residential deprivation level in England. *Journal of Transport & Health*, 23, 101291.
- [2021] [Cycling behaviour and socioeconomic disadvantage: An investigation based on the English National Travel Survey](#)
- Vidal-Tortosa, E.**, Lovelace, R., Heinen, E., & Mann, R. P. (2021). Cycling behaviour and socioeconomic disadvantage: An investigation based on the English National Travel Survey. *Transportation research part A: policy and practice*, 152, 173-185.
- [2021] [Infrastructure is not enough: Interactions between the environment, socioeconomic disadvantage, and cycling participation in England](#)
- Vidal-Tortosa, E.**, Lovelace, R., Heinen, E., & Mann, R. P. (2021). Infrastructure is not enough. *Journal of Transport and Land Use*, 14(1), 693-714.
- [2020] [Is the London Cycle Hire Scheme becoming more inclusive? An evaluation of the shifting spatial distribution of uptake based on 70 million trips](#)

Lovelace, R., Beecham, R., Heinen, E., **Vidal-Tortosa, E.**, Yang, Y., Slade, C., & Roberts, A. (2020). Is the London cycle hire scheme becoming more inclusive? An evaluation of the shifting spatial distribution of uptake based on 70 million trips. *Transportation Research Part A: Policy and Practice*, 140, 1-15.

CONFERENCES AND SEMINARS

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- [18/10/2023] **Technische Universität Dortmund - University of Leeds - Norwegian University of Science and Technology (NTNU) Annual Transport Joint Seminar**
Online seminar
Paper presentation/discussion: **Vidal-Tortosa, E. et al.**, (working paper). Associations between crime, night lighting, and active travel: A case study based on high-resolution data from Glasgow.
- [20/06/2023] **Institute for Transport Studies (ITS) and School of Geography (SoG) Annual Mini-Conference: Road Safety, Inequality and Infrastructure**
School of Geography, University of Leeds
Paper presentation: **Vidal-Tortosa, E.**, Lovelace, R., Heinen, E., Mann, R.P., 2021. Socioeconomic inequalities in cycling safety: An analysis of cycling injury risk by residential deprivation level in England.
Link: https://eugenividal.github.io/slides/Presentation_paper3.html#1
- [05/07/2021 – 06/07/2021] **53rd Annual UTSG Conference** Loughborough University (online)
Paper presentation: **Vidal-Tortosa, E.**, Lovelace, R., Heinen, E., Mann, R.P., 2021. Analysing inequalities in cycling injury risk by residential deprivation level.
Link: <https://eprints.whiterose.ac.uk/187090/>
- [07/12/2020] **Social and Political Sciences research group seminar** Institute for Transport Studies, University of Leeds
Paper presentation: **Vidal-Tortosa, E.**, (working paper) Do disadvantaged people really cycle less? Explaining socioeconomic inequalities in cycling based on the National Travel Survey.
Link: https://eugenividal.github.io/slides/Presentation_paper2.html#1
- [14/07/2020] **Social and Political Sciences research group seminar** Institute for Transport Studies, University of Leeds
Paper presentation: **Vidal-Tortosa, E.**, Lovelace, R., Heinen, E., Mann, R.P., 2021. Infrastructure is not enough: Interactions between the environment, socioeconomic disadvantage, and cycling participation in England.
Link: <https://eugenividal.github.io/slides/Presentationv2.html#1>
- [20/09/2019] **2nd Centre Data Analytics and Society (CDAS) Partner Engagement event** Leeds
Institute for Data Analytics, University of Leeds
Paper Presentation: **Vidal-Tortosa, E.**, (working paper). Inequalities in cycling participation in England.
Link: https://eugenividal.github.io/slides/all_cycling.html#1
- [01/10/2018] **1st Centre Data Analytics and Society (CDAS) Partner Engagement event** Leeds
Institute for Data Analytics, University of Leeds

Poster presentation: **Vidal-Tortosa, E.**, Lovelace, R., Heinen, E., Mann, R.P., Peñaranda Fuentes, C., 2018. Cycling rates, cycle-friendly infrastructure, and deprivation in the South London Partnership Area.

[05/09/2018 – 07/09/2018] **15th Annual Cycling and Society Symposium** University of the West of England

Poster presentation: **Vidal-Tortosa, E.**, Lovelace, R., Heinen, E., Mann, R.P., Peñaranda Fuentes, C., 2018. Cycling rates, cycle-friendly infrastructure, and deprivation in the South London Partnership Area.

Link: http://www.cyclingandsociety.org/wp-content/uploads/2018/09/P_Vidal.pdf