

Eugeni Vidal Tortosa

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🐙 **GitHub:** <https://github.com/eugenividal>

Gender: Male **Nationality:** Spanish

WORK EXPERIENCE

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/>

[01/12/2024 - Current]

Postdoctoral Researcher in Urban Planning and Mobility

- Developing the conceptual framework for the ATRAPA (The 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.

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>

[01/04/2022 - 31/03/2024]

Research Fellow in Active Travel and Road Safety Data Science

- 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.

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>

[01/10/2017 - 18/10/2021]

Postgraduate Researcher

- 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.

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

City: Barcelona | **Country:** Spain

[01/02/2005 - 01/02/2015]

Transport Planner

- 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 & 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/>

- 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>

- 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

- 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

- 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

- Principal subjects: Law Theory; History of Law; Political Economics and Public Treasury; Roman Law; Constitutional Law; Civil Law; Administrative Law; Community Law Institutions; Criminal Law; International Public Law; Labour Law; Procedural Law; Commercial Law.

LANGUAGE SKILLS

Mother tongue(s): Catalan | Spanish

Other language(s):

English

LISTENING: C2 **READING:** C2 **WRITING:** C2

SPOKEN PRODUCTION: C2 **SPOKEN INTERACTION:** C2

SKILLS

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

PUBLICATIONS

[2026]

[Active commuting to and from school among Spanish adolescents: social inequalities and environmental characteristics](#)

Vidal-Tortosa, E., Campos-Garzón, P., Ruiz-Alarcón, A., Molina-García, J., Gilliland, J., & Chillón, P. (2026). Active commuting to and from school among Spanish adolescents: social inequalities and environmental characteristics. *Health & Place*, 100, 103686.

Journal Name: Health & Place

[Outdoor lighting and active travel: A high-resolution analysis using satellite imagery and Strava data in Glasgow](#)

Vidal-Tortosa, E., Heinen, E., Uttley, J., Yesiltepe, D., Fotios, S., & Lovelace, R. (2026). Outdoor lighting and active travel: A high-resolution analysis using satellite imagery and Strava data in Glasgow. *Journal of Transport & Health*, 46, 102224.

[spanishoddata: A package for accessing and working with Spanish Open Mobility BigData](#)

Kotov, E., **Vidal-Tortosa, E.**, Cantú-Ros, O. G., Burrieza-Galán, J., Herranz, R., Gullón Muñoz-Repiso, T., & Lovelace, R. (2026). spanishoddata: A package for accessing and working with Spanish Open Mobility Big Data. *Environment and Planning B: Urban Analytics and City Science*, 23998083251415040.

[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.

[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.

[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 & SEMINARS

[07/06/2026 - 11/06/2026]

The 6th World Symposium on Transport and Land Use Research (WSTLUR 2026)
Beijing

Oral presentation: **Vidal-Tortosa, E.**, Gonzalez-Parra, V., Marquet, O. (working paper). Can We Trust OpenStreetMap to Measure Cycling Infrastructure Change? A Reproducible Validation Framework Using Google Street View.

Link: <https://lnkd.in/gCgXjeJs>

[11/09/2025 - 12/10/2025]

II CONGRESO RIIDASS Red Internacional de Investigación en Desplazamiento Activo, Salud y Sostenibilidad Porto

Oral presentation: **Vidal-Tortosa, E.**, Campos-Garzón, P., Ruiz-Alarcón, A., Molina-García, J., Gilliland, J., Chillón, P. Active commuting to school among Spanish adolescents: social differences & neighbourhood environment.

Links: <https://riidass.com/congreso/> | <https://eugenividal.github.io/slides/acs-inequalities-slides.html#/title-slide>

[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
- [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
- [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.

STUDENT SUPERVISION

- [01/10/2025 - Current] **Mateu Collell Mok — Master's Dissertation (Co-supervisor)**
- Connectivity and Spatial Inequalities in the Cycling Network (2015–2025). Universitat Autònoma de Barcelona. Co-supervisor with Prof. Oriol Marquet.
- [01/10/2024 - 30/06/2025] **Jorge Garcia Cubero — Master's Dissertation (Co-supervisor)**

- Urban Transformation and Voting: A Spatial-Electoral Analysis of Cycling Infrastructure in Valencia During the Progressive Cycle (2015–2023). Universitat Autònoma de Barcelona. Co-supervisor with Prof. Oriol Marquet.

[01/10/2024 - 30/06/2025]

Zulema Orellana — Master's Dissertation (Co-supervisor)

Evaluación de calidad de datos de infraestructura ciclista de OpenStreetMap en Barcelona: comparación y validación. Universitat Autònoma de Barcelona. Co-supervisor with Prof. Oriol Marquet.

[01/10/2022 - 30/06/2023]

Matthew Wright — Master's Dissertation (Co-supervisor)

A Study on the Ability of Various Probabilistic Regression Models to Account for Bias Within Strava Data and Predict Cycling Demand. University of Leeds. Co-supervisor with Prof. Thijs Dekker.

ACADEMIC SERVICE

[06/02/2025 - Current]

Co-founder and Coordinator, GEMOTT Coding Club

Co-founded and co-coordinate a regular coding club to support doctoral and predoctoral researchers in developing skills in R programming, spatial analysis, and reproducible research through collaborative workshops and problem-solving sessions.

Peer Review Activities

Book series

- *Advances in Transport Policy and Planning* (Elsevier).

Journals

- *Journal of Transport Geography* .
- *Journal of Transport and Land Use*.

Conference

- World Symposium on Transport and Land Use Research (abstract reviewer)