

# Nicolas Palominos — Record of Work

Urbanist · Geocomputation and Urban Analytics · PhD UCL · [npalomin.github.io](https://github.com/npalomin) · [ORCID](https://orcid.org/) · [ResearchGate](https://www.researchgate.net/) · [Google Scholar](https://scholar.google.com/) · June 2026

## PEER-REVIEWED PUBLICATIONS

CONF. PAPER	2025 <b>AI-Powered Perceptual Mapping: Assessing Urban Form through Street-View Imagery</b> <a href="#">[link]</a> 32nd International Seminar on Urban Form (ISUF), Turin	AI/data · urban-analytics · geocomputation · urban-design · external-profile
JOURNAL	2023 <b>Examining the geometry of streets through accessibility: new insights from streetsp...</b> <a href="#">[link]</a> Environment and Planning B: Urban Analytics and City Science · With Smith, D.A.	urban-analytics · geocomputation · active-travel · cities
CONF. PAPER	2022 <b>Mapping the space between buildings using Open Street Map</b> <a href="#">[link]</a> 30th GISRUK Conference, Liverpool · With Sargoni O., Gumble H.	geocomputation · urban-analytics · cities
BOOK CH.	2021 <b>Identifying and Characterising Active Travel Corridors for London in Response to CO...</b> <a href="#">[link]</a> In: Shaw S-L. & Sui D. (eds), Mapping COVID-19 in Space and · With Smith, D.A., Griffiths S.	urban-analytics · geocomputation · active-travel · cities · transport
CONF. PAPER	2021 <b>Street morphology analysis citywide: a bi-dimensional approach</b> <a href="#">[link]</a> 28th International Seminar on Urban Form (ISUF), Glasgow	geocomputation · urban-analytics · cities · urban-design
CONF. PAPER	2020 <b>Visualising Manufacturing Activity in London</b> <a href="#">[link]</a> 28th GISRUK Conference Proceedings · With Griffiths S., Froy F., Fery J.	manufacturing · geocomputation · urban-analytics · cities
JOURNAL	2018 <b>Web-based analytical tools to support decision-making in the context of tactical st...</b> <a href="#">[link]</a> DISEGNARECON, 11(20) · With Ballal, H.	urban-analytics · urban-design · active-travel
CONF. PAPER	2018 <b>Citywide street cross-section analysis: a multi-scale approach</b> <a href="#">[link]</a> Urban-Sys 2018 / Conference on Complex Systems, Thessaloniki	geocomputation · urban-analytics · cities
CONF. PAPER	2017 <b>Analyzing Impacts of tactical urbanism in the context of street design</b> <a href="#">[link]</a> Geodesign South America / GeodesignHub	urban-design · active-travel · cities
JOURNAL	2014 <b>Reordered publics: Re-imagining the City of London</b> <a href="#">[link]</a> City, 18(2), 191-213 (Taylor & Francis) · With Trangos G., Adleson I., Valdez Youn	cities · urban-design · government/policy

## REPORTS, WORKING PAPERS & BOOK CONTRIBUTIONS

BOOK ILLUS.	2024 <b>Rebuilding Urban Complexity: A Configurational Approach to Postindustrial Cities</b> <a href="#">[link]</a> Routledge. ISBN: 9781032384566 · With Froy, F. (author)	urban-design · manufacturing · cities · built-environment
REPORT	2021 <b>Royal Geographic Society Programme Accreditation, MSc Urban Spatial Science</b> Royal Geographical Society / UCL · With MacLachlan, A.	urban-analytics · geocomputation · external-profile
REPORT	2021 <b>Case study: Maker Mile Hackney</b> <a href="#">[link]</a> Cities of Making — Sustainable Urban Manufacturing Report · With Froy, F.	manufacturing · urban-design · cities · built-environment
W. PAPER	2020 <b>Identifying and Characterising Active Travel Corridors for London in Response to CO...</b> <a href="#">[link]</a> CASA Working Paper Series 222, UCL · With Smith, D.A.	geocomputation · active-travel · transport · urban-analytics
REPORT	2020 <b>The Maker Mile in East London</b> <a href="#">[link]</a> Cities of Making (Bartlett Circular Economy Lab / RSA) · With Domenech T., Froy F.	manufacturing · urban-design · cities · built-environment
BOOK ILLUS.	2019 <b>Working Cities: Architecture, Place and Production</b> <a href="#">[link]</a> Routledge. ISBN: 9781138328662 · With Davis, H. (author)	urban-design · manufacturing · built-environment · cities
W. PAPER	2019 <b>Quantifying and Mapping Streetspace: a Geocomputational Method for the Citywide Ana...</b> <a href="#">[link]</a> CASA Working Paper Series 212, UCL · With Smith, D.A.	geocomputation · urban-analytics · active-travel · cities
BOOK ILLUS.	2004 <b>Volver al Centro: la recuperacion de areas urbanas centrales</b> <a href="#">[link]</a> Inter-American Development Bank · With Rojas, E. (author); Fuentes P.C. (c	urban-design · housing · government/policy

## PUBLIC SPEAKING & CONFERENCE PRESENTATIONS

LECTURE	2024, 2025 <b>Evidence-Based Design in Practice</b> <a href="#">[link]</a> University of Cambridge, Department of Land Economy	urban-analytics · AI/data · built-environment · BD/client · external-profile
SEMINAR	2024/25 <b>Street Networks, Clusters and Patterns: Urban Analytics for evidence-based design</b> <a href="#">[link]</a> UNSW City Futures Research Centre, Sydney	geocomputation · urban-analytics · cities · external-profile
POSTER	2022 <b>Mapping the space between buildings using Open Street Map</b> <a href="#">[link]</a> 30th GISRUUK Conference, Liverpool · With Sargoni O., Gumble H.	geocomputation · urban-analytics
CONF. TALK	2021 <b>Street morphology analysis citywide: a bi-dimensional approach</b> 28th International Seminar on Urban Form (ISUF), Glasgow	geocomputation · urban-analytics · cities · external-profile
CONF. TALK	2020 <b>Visualising manufacturing activity in London</b> <a href="#">[link]</a> GISRUUK 2020 Conference · With Griffiths S., Froy F., Ferm J.	manufacturing · geocomputation · urban-analytics
CONF. TALK	2019 <b>Citywide analysis of streetspace in London</b> <a href="#">[link]</a> 3rd International Land Use Symposium, Paris	geocomputation · urban-analytics · cities · active-travel
POSTER	2019 <b>Streetspace Designation Metrics — Poster, London Walking and Cycling Conference 2019</b> <a href="#">[link]</a> London Walking and Cycling Conference (Hackney Council / Cit	active-travel · geocomputation · urban-analytics · cities · external-profile
CONF. TALK	2019 <b>Citywide analysis of streetspace in London</b> <a href="#">[link]</a> 3rd International Land Use Symposium, Paris	geocomputation · urban-analytics · cities
CONF. TALK	2018 <b>Citywide street cross-section analysis: a multi-scale approach</b> <a href="#">[link]</a> Urban-Sys 2018 / Conference on Complex Systems, Thessaloniki	geocomputation · urban-analytics
CONF. TALK	2014 <b>GEO-CGR: Control Ciudadano de Obras</b> <a href="#">[link]</a> Seminar on Urban Development Trends, UTEM, Santiago	government/policy · geocomputation · AI/data
<b>MEDIA &amp; COMMENTARY</b>		
MEDIA	2025 <b>Incorporating Nature and Biodiversity Into Complex Street Systems</b> <a href="#">[link]</a> World Reporter · With Froy, F.	urban-design · active-travel · sustainability · external-profile
MEDIA	2025 <b>AI in Placemaking: How ERA-co is Using Smarter Data to Build Better Cities</b> Big Time Daily	AI/data · placemaking · external-profile · BD/client
MEDIA	2023 <b>Growing Discourse in AI and Data's Impact on Urban Planning &amp; Placemaking</b> <a href="#">[link]</a> Fast Company	AI/data · urban-analytics · placemaking · external-profile
MEDIA	2023 <b>Unleashing the Power of Urban Analytics for Placemaking</b> <a href="#">[link]</a> New York Weekly	urban-analytics · placemaking · external-profile
DATA VIZ	2022 <b>Street grids: Visualising street orientation to explore urban transformation</b> <a href="#">[link]</a> urban data notebook (nicolaspalominos.netlify.app)	geocomputation · urban-analytics · cities · data-viz
MEDIA	2020 <b>Is London Finally Becoming Cycle-Friendly?</b> <a href="#">[link]</a> Prospect Magazine	active-travel · urban-analytics · external-profile
MEDIA	2020 <b>Space for extra cycle lanes on 1,500 miles of London's roads</b> <a href="#">[link]</a> Evening Standard	active-travel · urban-analytics · external-profile
MEDIA	2020 <b>UCL News — Streetspace and COVID-19 cycling infrastructure</b> <a href="#">[link]</a> UCL News	active-travel · urban-analytics · external-profile
DATA VIZ	2020-2022 <b>#30DayMapChallenge geospatial visualisations</b> <a href="#">[link]</a> Twitter / X (@npalomin)	geocomputation · data-viz · urban-analytics · external-profile
ESSAY	<b>Quantifying forms of life: what to measure?</b> Derivas London / Derive Lab	urban-analytics · cities · urban-design
DATA VIZ	<b>Size and form of city blocks</b> <a href="#">[link]</a> urban data notebook (nicolaspalominos.netlify.app)	geocomputation · urban-analytics · cities · data-viz

DATA VIZ	<b>Building footprints [link]</b> urban data notebook (nicolaspalominos.netlify.app)	geocomputation · urban-analytics · cities · data-viz
DATA VIZ	<b>UK travel patterns [link]</b> urban data notebook (nicolaspalominos.netlify.app)	transport · urban-analytics · geocomputation · data-viz
DATA VIZ	<b>Streetspace Index [link]</b> urban data notebook (nicolaspalominos.netlify.app)	geocomputation · urban-analytics · active-travel · cities · data-viz
DATA VIZ	<b>OSM urban form [link]</b> urban data notebook (nicolaspalominos.netlify.app)	geocomputation · urban-analytics · cities · data-viz
<b>PLATFORMS &amp; TOOLS</b>		
TOOL	2023 <b>Street Trees Data Explorer [link]</b> Possible (wearepossible.org)	urban-analytics · active-travel · sustainability · geocomputation · cities
TOOL	2022 <b>Tranquil City Index — Glasgow city region [link]</b> TranquilCity / independent	urban-analytics · geocomputation · cities · sustainability
TOOL	2020 <b>Smart Walking interactive map (Islington walkability index) [link]</b> UCL CASA / Innovate UK (Smart Walkability Project) · With Smith D.A., Dhanani A.	geocomputation · urban-analytics · active-travel · transport · AI/data
TOOL	2019- <b>Healthy Streets Index interactive map [link]</b> _Streets / UCL Bartlett Innovation Fund	urban-analytics · active-travel · cities · geocomputation
TOOL	2019 <b>Southwark Industrial Audit interactive map [link]</b> AAD Cities / London Metropolitan University	manufacturing · urban-analytics · government/policy · cities
TOOL	2018 <b>London Manufacturing Profiler [link]</b> Bartlett School of Planning / UCL	manufacturing · urban-analytics · geocomputation · cities
TOOL	2016 <b>GEO-CGR — Citizen Oversight of Public Works [link]</b> Comptroller General of the Republic of Chile	government/policy · geocomputation · AI/data · cities
<b>PRACTICE, AWARDS &amp; OTHER</b>		
AWARD	2023 <b>John Snow Society Map Competition, Second Place [link]</b> John Snow Society	data-viz · geocomputation · external-profile
AWARD	2020 <b>Innovate UK Sustainable Innovation Fund, Phase 1 Technical Expert [link]</b> Innovate UK	urban-analytics · AI/data · active-travel
GRANT	2020 <b>Bartlett Innovation Fund, Enterprise Advisory Group</b> UCL Bartlett	urban-analytics · active-travel · external-profile
AWARD	2019 <b>Parcel Hack, First Place (FTC2050 / CitySprint / TfL / Geovation) [link]</b> TfL / Geovation / FTC2050 / CitySprint	transport · cities · BD/client
SCHOLARS HIP	2011, 2016 <b>Becas Chile Scholarships (CONICYT), PhD and Masters</b> CONICYT, Chile	external-profile
PRACTICE	2006 <b>Barrio Tarapaca and El Cobre neighbourhood masterplans [link]</b> Ministry of Housing and Planning, Chile (Quiero mi Barrio pr	housing · urban-design · government/policy · masterplanning
PRACTICE	2006 <b>Logistics Support Extension Zone, Port of Valparaiso</b> RPA / GHD / Port of Valparaiso · With Rodrigo Perez de Arce Associates (R	urban-design · masterplanning
PRACTICE	2006 <b>Cript in Cathedral of Santiago [link]</b> RPA / GHD — Cathedral of Santiago, Chile · With Rodrigo Perez de Arce Associates (R	urban-design · built-environment · masterplanning