



## DR NICOLAS PALOMINOS

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@npalomin 

<https://npalomin.github.io> 

Spatial data scientist, city designer, planner, architect and innovator.

My work bridges urban design with a quantitative understanding of cities. With a background in both spatial analysis and design, my holistic approach to city design spans a range of scales: from cities to neighbourhoods, large sites to buildings. I am fluent in applying computational, quantitative, visual and design methods to translate high-level questions into actionable knowledge.

### professional practice

**Designer and Analyst**, The Comptroller General of the Republic of Chile, Designing and implementing a Geospatial information platform to foster civic engagement ([GEO-CGR](#)). Conducting regulatory Assessments of urban planning instruments of different administrative levels, Oct.2009–Aug.2016.

**Project Manager & Designer**, Municipality of Penalolen, Chile, Leading the multidisciplinary task force that designed and implemented a government urban regeneration program in a deprived neighbourhood, Nov.2007–Apr.2009.

**Project Manager & Designer**, Ministry of Housing and Planning, Chile, Leading the multidisciplinary task force that designed the urban Master Plan for a deprived neighbourhood as part of a government program of urban regeneration, Aug.2006–Aug.2007.

**Designer & Project Manager**, Independent [professional practice](#), Designing, managing and coordinating various small and medium scale projects. Collaborated with firms in projects of public interest. Co-founded CAMINABLE, an urban design and planning consultancy. Co-founded [\\_Streets](#), a startup working on data-driven built environment analysis, 2004–Present.

### academic positions

#### *Research*

Research Fellow, Centre for Advanced Spatial Analysis, UCL, '[Socio-hydrological resilience in Mexico City](#)', 2020–2021.

Research Assistant, Cass Cities - London Metropolitan University, [Industrial Activities in Southwark](#) survey and research, 2019–2020.

Research Assistant, The Bartlett Faculty of the Built Environment, UCL, [Planning Urban Manufacturing](#) project, Bartlett Synergy Grant (BSP, BSA) and [Cities of Making](#) project (BSEER), Circular Economy Lab, 2018–2019.

Researcher, LSE Cities, [Ordinary Streets](#) project, 2012.

#### *Teaching*

Associate Lecturer (Teaching) in Spatial Data Science, University College London, CASA0013, 'Foundations of Spatial Data Science' & Dissertation supervision, 2021–Present.

	<p>Senior Postgraduate Teaching Assistant, University College London, Modules ‘Geographic Information Systems and Science’ (Centre for Advanced Spatial Analysis) and ‘GIS for Planners’ (Bartlett School of Planning), 2017–2020.</p> <p>Postgraduate Teaching Assistant, University College London, BAsc, Module ‘Understanding Cities and their Spatial Cultures’, 2017–2018.</p> <p>Teaching Associate, School of Architecture, Universidad Tecnológica Metropolitana, Chile, Modules ‘The History of Cities’ and ‘Theory of City Form’, 2013–2016.</p>
education	<p>PhD., Advanced Spatial Analysis, University College London, 2021, ‘<a href="#">Rethinking Streets: a study of streetspace allocation metrics and street networks in London</a>’.</p> <p>MSc., City Design and Social Science, The London School of Economics and Political Science, 2012, ‘Urban justice and the city as a political project’ Merit.</p> <p>Title of Architect, Pontificia Universidad Catolica, 2004, Two votes of Distinction.</p> <p>B. Arch., Pontificia Universidad Catolica, 2004, Chile.</p> <p><i>Training</i></p> <p>Territorial Competitiveness Policy, Latin American and Caribbean Institute for Economic and Social Planning, 2015, Chile.</p> <p>Introduction to Geospatial Information Management, Universidad Tecnológica Metropolitana, 2013, Chile.</p> <p>Diploma in Urban and Environment Law, Universidad de Talca, 2011, Chile.</p> <p>Urban Plans and Planning Regulations, Pontificia Universidad Catolica, 2010, Chile.</p> <p>Diploma in Urban Management and Governance, Pontificia Universidad Catolica, 2007, Chile.</p>
computer skills & data	<p><i>Languages &amp; Software</i></p> <p>R for statistical and spatial analysis, QGIS, Python. Git, Docker. CAD, vector and raster graphics softwares. Tableau</p> <p><i>Web apps &amp; Data sets</i></p> <p><a href="#">Streetspace Allocation URBAN TRANSECT London</a>, 2019</p> <p><a href="#">Streetspace open data set for London</a>, 2020</p> <p><i>Awards</i></p> <p>Parcel Hack 2019 ‘Hacking the last-mile’FTC2050 (EPSRC), CitySprint, Transport for London and GeovationFirst place</p>
grants	<p>Bartlett Innovation Fund. Enterprise Advisory Group, ‘Community-led Urban Design Analytics using Open GIS’,</p> <p>Innovate UK. Sustainable Innovation Fund 2020, ‘Smart Walkability Platform’, 2020 phase 1 (Technical team expert)</p> <p>Metropolitan Government, Santiago, Chile., Thesis of Metropolitan Impact, <i>Urban operations in the periphery: educational facilities for regeneration</i> , 2003</p>