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Nicolas Palominos

academic positions

Teaching

Associate Lecturer (Teaching) in Spatial Data Science, University College London, Master thesis supervision, 2021–Present.

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–Present.

Postgraduate Teaching Assistant, University College London, BASc, Module 'Understanding Cities and their Spatial Cultures' , 2017–2018.

Teaching Associate, School of Architecture, Universidad Tecnologica Metropolitana, Chile, Modules 'The History of Cities' and 'Theory of City Form', 2013–2016.

Visiting Lecturer, School of Architecture, Universidad del Mar, Chile, Module 'Heritage Design', 2007.

Research

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

Research Assistant, The Sir John Cass School of Architecture, 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.

education

PhD., Advanced Spatial Analysis, University College London, 2021, "Rethinking Streets: a study of streetspace allocation metrics and street networks in London".

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.

Title of Architect, Pontificia Universidad Catolica, 2004, Two votes of Distinction.

B. Arch., Pontificia Universidad Catolica, 2004, Chile.

Training

Territorial Competitiveness Policy, Latin American and Caribbean Institute for Economic and Social Planning, 2015, Chile.

Introduction to Geospatial Information Management, Universidad Tecnologica Metropolitana, 2013, Chile.

Diploma in Urban and Environment Law, Universidad de Talca, 2011, Chile.

Urban Plans and Planning Regulations, Pontificia Universidad Catolica, 2010, Chile.

Diploma in Urban Management and Governance, Pontificia Universidad Catolica, 2007, Chile.

publications

Journal articles

Nicolas Palominos and Hrishi Ballal, 2018, "Web-based analytical tools to support decision-making in the context of tactical street design", *DISEGNARECON 11, no. 20.*

Guy Trangos, Ilana Adleson, Nicolas Palominos, et. al, 2014, "Reordered publics: Re-imagining the City of London", *City, 18:2, 191-213.*

Working papers and reports

Andrew MacLachlan and Nicolas Palominos, Forthcoming, Royal Geographic Society Programme Accreditation, *MSc Urban Spatial Science.*

Nicolas Palominos , 2021, Street morphology analysis citywide: a bi-dimensional approach, *28th International Seminar on Urban Form Proceedings.*

Francesca Froy and Nicolas Palominos , 2021, Case study: Maker Mile Hackney. Sustainable Urban Manufacturing report, *Cities of Making Report.*

Nicolas Palominos and Duncan A Smith, 2020, "Identifying and Characterising Active Travel Corridors for London in Response to COVID-19 Using Shortest Path and Streetspace Analysis", *CASA Working Paper Series 222.*

Nicolas Palominos, Sam Griffiths, et. al, 2020, "Visualising Manufacturing Activity in London", *28th GISRUK Conference Proceedings.*

Nicolas Palominos and Duncan A Smith, 2019, "Quantifying and Mapping Streetspace: a Geocomputational Method for the Citywide Analysis of Pedestrian and Vehicular Streetspace", *CASA Working Paper Series 212.*

Book Chapters

Nicolas Palominos and Duncan A Smith, 2021, "Identifying and Characterising Active Travel Corridors for London in Response to COVID-19 Using Streetspace and Shortest Path Analysis" in "Human Dynamics in Smart Cities" (Springer), *edited by Shih-Lung Shaw and Dan Sui.*

Book Illustrations

"Working Cities Architecture, Place and Production", 2019, Routledge, *Howard Davis.*

"Volver al Centro: la recuperacion de areas urbanas centrales" (Back to the Centre: Recovery of Central Urban Areas), 2004, Inter-American Development Bank, *Eduardo Rojas.*

"Street morphology analysis citywide: a bi-dimensional approach", 28th International Symposium of Urban Form, Glasgow (University of Strathclyde), *Online Conference.* 2021

"Facilitating Digital Negotiations for Planning Interventions in Public Space", WELL-BEING CITIES FORUM 2020. From Smart Cities to Wellbeing Cities, (with GeodesignHub), *Online.*

"Visualising Manufacturing Activity in London", 28th GISRUK Conference, London (Birkbeck & UCL), *Online Conference.* 2020

"Streetspace allocation analysis in London", Urban Analytics & Small Spaces session, Isaac Newton Institute for Mathematical Sciences, Alan Turing Institute., *Online presentation.* 2020

"Citywide analysis of streetspace in London", 3rd INTERNATIONAL LAND USE SYMPOSIUM. Land use changes: Trends and projections, *Paris.* 2019

"Streetspace Designation Metrics" (poster), London Walking and Cycling conference 2019, *London.* 2019

"City-wide street cross-section analysis. A new method to study streets", UrbanSys2018 Transport, Smart Cities, Complexity and Urban Networks. satellite of Conference on Complex Systems, *Thessaloniki.* 2018

"Analyzing impacts of tactical urbanism in the context of street design", GEODESIGN SOUTH AMERICA 2017. Strategic Planning for Alternative Futures, *Belo Horizonte.* 2017

"Bandera Street Design Workshop", GeodesignHub & Ministry of Public Works, Chile, *London & Santiago.* 2017

"GEO-CGR. Control Ciudadano de Obras" (Citizen Oversight of Public Works), Seminar "Trends and Patterns of Urban Development. New instruments for urban information management", UTEM, *Santiago.* 2014

Languages & Software
R for statistical and spatial analysis (network analysis), QGIS, Python. CAD, vector and raster graphics softwares.

Data sets
Open data Streetspace data set for London, 2020

Web apps
Healthy Streets Index (beta), 2020
Streetspace Allocation *URBAN TRANSECT* London, 2019

Grants

Innovate UK. Sustainable Innovation Fund 2020, "Smart Walkability Platform",
  phase 1 (Technical team expert)

UKRI Ideas to Address COVID-19, "Streetspace Analytics for Sustainable Healthy
  Cities Post Covid-19", (pending)

National Project Contest for the Rapid Allocation of Resources for Research Projects
  on Coronavirus (Covid-19), "New cities for new times: Rethinking Chilean
  streets during and after the pandemic (with-Covid19)", *Centre for Sustainable Urban Development, Chile* (not awarded, 2020)

Bartlett Innovation Fund. Enterprise Advisory Group, project "Sustainable Mobility and Urban Planning Analytics", *Co-founded Bartlett research group
  _Streets* 2020 (in partnership with *Healthy Streets* and *TranquilCity*)

Grants (professional practice)

Institutional strengthening to improve transparency and citizen participation in
  public works surveillance systems, Federal Ministry for Economic Cooper-
  ation and Development (BMZ) of Germany, *Chile* 2014–2015

CH-T1135 : Institutional Strengthening of the Comptroller General, for improv-
  ing transparency, accountability and effectiveness of public administration,
  Inter-American Development Bank, *Chile* 2013–2015

Awards

Parcel Hack 2019 'Hacking the last-mile', FTC2050 (EPSRC), CitySprint, Transport
  for London and Geovation, *First place*

Gobierno Regional Metropolitano, Santiago, Chile., Award to Dissertation of Metro-
  politan Impact, *Urban operations in the periphery: educational facilities for
  city regeneration* 2003

Designer and Analyst, 2009–2016, The Comptroller General of the Republic of
  Chile, Designing digital solutions to foster civic engagement through the provi-
  sion of geospatial information (GEO-CGR). Conducting Regulatory Assessments
  of urban planning instruments of different administrative levels.

Project Manager & Designer, 2006–2009, Ministry of Housing and Planning Mu-
  nicipality of Penalolen, Chile, Leading the multidisciplinary task force that de-
  signed and implemented a government urban regeneration program in deprived
  neighbourhoods.

Designer & Project Manager, 2004–Present, Independent professional practice,
  Designing, managing and coordinating various small-scale projects. Collaborated
  with firms in projects of public interest. Co-founded CAMINABLE, an urban de-
  sign and planning consultancy. Co-founded S3, a startup working on a system of
  shared scooters.