ANTONIO PÁEZ

Professor, School of Earth, Environment and Society
McMaster University

🎓 EDUCATION

1997-2000

Tohoku Unversity
PhD
📍 Sendai, Japan

Thesis Title: Applied Statistical Analysis of Geographically Detailed Data with Emphasis on Spatial Effects

1995-1997

Tohoku Unversity
M.Sc.
📍 Sendai, Japan

Thesis Title: Evaluation of Environmental Changes Caused by Urbanization

1989-1993

Instituto Tecnológico y de Estudios Superiores de Monterrey
B.Eng.
📍 Monterrey, Mexico

💻 ACADEMIC EXPERIENCE

July 2014-present

Professor
School of Earth, Society and Environment, McMaster University
📍 Hamilton, Canada

July 2007-June 2014

Associate Professor
School of Earth, Environment and Society, McMaster University
📍 Hamilton, Canada

July 2002-June 2007

Assistant Professor
School of Geography and Earth Sciences, McMaster University
📍 Hamilton, Canada

October 2000-March 2002

Research Fellow-Lecturer
Center for Northeast Asian Studies, Tohoku University 📍 Sendai, Japan

January 1993-December 1993

Instructor-Topographical Survey Laboratory
Dept. of Civil Engineering, Instituto Tecnológico y de Estudios Superiores de Monterrey
📍 Monterrey, Mexico

CONTACT INFO

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The full version of this CV is available here.

ABOUT ME

I trained in civil engineering before being adopted into geography.
My areas of interest include spatial analysis, spatial statistics, transportation, travel behavior, cities.

SELECTED PUBLICATIONS

A Páez, DM Scott, C Morency (2012)
Measuring accessibility: positive and normative implementations of various accessibility indicators. Journal of Transport Geography,
⚲ Number of cites (Google Scholar): 587

A Páez, DM Scott (2005)
Spatial statistics for urban analysis: a review of techniques with examples. GeoJournal, 61 (1), 53-67
⚲ Number of cites (Google Scholar): 374

JA Black, A Paez, PA Suthanaya (2002)
Sustainable urban transportation: Performance indicators and some analytical approaches. Journal of Urban Planning and Development, 128 (4), 184-209
⚲ Number of cites (Google Scholar): 329

A Páez, K Whalen (2010)
Enjoyment of commute: A comparison of different transportation modes. Transportation Research Part A: Policy and Practice, 44 (7), 537-549
⚲ Number of cites (Google Scholar): 300

DC Wheeler, A Páez (2010)
C. 5 Geographically Weighted Regression. Handbook of applied sapatial analysis: software tools, methods and ...,
⚲ Number of cites (Google Scholar): 277

KB Newbold, DM Scott, JEL Spinney, P Kanaroglou, A Páez (2005)
Travel behavior within Canada's older population: a cohort analysis. Journal of Transport Geography, 13 (4), 340-351
⚲ Number of cites (Google Scholar): 266

A Páez, RG Mercado, S Farber, C Morency, M Roorda (2010)
Relative accessibility deprivation indicators for urban settings: definitions and application to food deserts in Montreal. Urban Studies, 47 (7), 1415-1438
⚲ Number of cites (Google Scholar): 262

KE Whalen, A Páez, JA Carrasco (2013)
Mode choice of university students commuting to schooland the role of active travel. Journal of Transport Geography, 31, 132-142
⚲ Number of cites (Google Scholar): 259

A Páez, T Uchida, K Miyamoto (2002)
A general framework for estimation and inference of geographically weighted regression models: 1. Location-specific kernel bandwidths and a test for locational heterogeneity. Environment and Planning A, 34 (4), 733-754
⚲ Number of cites (Google Scholar): 237

A Páez, S Farber, D Wheeler (2011)
A simulation-based study of geographically weighted regression as a method for investigating spatially varying relationships. Environment and Planning-Part A, 43 (12), 2992
⚲ Number of cites (Google Scholar): 233

SELECTED TALKS, COURSES, SEMINARS, AND PANELS

March 7-2022

Developing a companion package to support teaching spatial statistics with Introduction to Spatial Data Analysis and Statistics
Lightning Round: Teaching in the Open at McMaster, Panelist
◉ Hamilton, Canada
MacPherson Institute and McMaster University Library

December 10-2021

Introducing Spatial Availability: A Singly Constrained Measure of Accessibility
Invited Talk, Speaker
◉ Brasilia, Brazil
Instituto de Pesquisa Econ^{o}mica Aplicada

November 29-2021

Investigación Reproducible
VI Jornadas de Doctorado y Seminarios Novel, Keynote Speaker
◉ Cartagena, Spain
Doctorado en Economía Interuniversitario

October 28-2021

Creation of a Living Textbook for Teaching Spatial Statistics
Lightning Round: Teaching in the Open at McMaster, Panelist
◉ Hamilton, Canada
MacPherson Institute and McMaster University Library

May 25-2021

Examining spatial equity of bike share: A balanced floating catchment area approach
Colloque Annuel de la Chaire Mobilité, Presenter   ◉ Montreal, Canada
Polytechique Montreal

March 17- 2021

What's a school worth to a neighborhood
Invited Seminar, Presenter
◉ L'Aquila, Italy
Gran Sasso Science Institute

October 1-2020

Transportation research seminar
Invited Talk, Speaker
◉ Hamilton, Canada
ITE Transportation Research Seminar (McMaster Chapter)

June 16-2020

Using CycleStreets and spatial interaction analysis to infer cycling routes
Colloque Annuel de la Chaire Mobilité, Presenter   ◉ Montreal, Canada
Polytechique Montreal

July 9-2019

Big data and behavioral analysis
Invited Talk, Speaker
◉ Madrid, Spain
TRANSyT, Universidad Politécnica de Madrid

July 8-
2019

**Como integrar aprendizaje de máquinas y econometría
espacial para el análisis de precios hedónicos: un ejemplo
de segmentación espacial de mercados en tres ciudades
espa~{n}olas**
Invited Talk, Speaker   **⚲** Madrid, Spain
Department of Applied Economics, Universidad Autónoma de Madrid