

ANTONIO PÁEZ

Professor, School of Earth, Environment and Society
McMaster University



EDUCATION

1997-
2000

● **Tohoku University**
PhD

📍 Sendai, Japan

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

1995-
1997

● **Tohoku University**
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.

Made in R with [pagedown](#).

Last updated on 2022-05-01.



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): 591
- **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): 377
- **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): 331
- **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): 303
- **DC Wheeler, A Páez (2010)**
C. 5 Geographically Weighted Regression. *Handbook of applied spatial analysis: software tools, methods and ...*,
📍 Number of cites (Google Scholar): 278
- **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): 267
- **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 school and the role of active travel. *Journal of Transport Geography*, 31, 132-142
📍 Number of cites (Google Scholar): 260
- **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^omica 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
Polytechnique 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
Polytechnique 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 españolas**

Invited Talk, Speaker

📍 Madrid, Spain

Department of Applied Economics, Universidad Autónoma de Madrid