

# 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

✉ [paezha@mcmaster.ca](mailto:paezha@mcmaster.ca)

🐙 [github.com/paezha](https://github.com/paezha)

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1280 Main Street West, Hamilton, Ontario, L8S 4K1 Canada

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 2022-09-30.



## 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): 630
- **A Páez, DM Scott (2004)**  
Spatial statistics for urban analysis: A review of techniques with examples. *GeoJournal*, 61 (1), 53-67  
📍 Number of cites (Google Scholar): 397
- **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): 339
- **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): 315
- **DC Wheeler, A Páez (2010)**  
C. 5 Geographically Weighted Regression. *Handbook of applied spatial analysis: software tools, methods and ...*,  
📍 Number of cites (Google Scholar): 304
- **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): 279
- **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): 278
- **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): 270
- **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): 243
- **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): 241



## SELECTED TALKS, COURSES, SEMINARS, AND PANELS

June 10,  
20, 24,  
27 and  
29-2022

● **An introduction to exploratory data analysis in R**

Invited workshop, Instructor

📍 L'Aquila, Italy

Gran Sasso Science Institute

May 20-  
2022

● **Accessibility and Threshold Selection**

Unsolicited Advice,

📍 Montreal, Canada

Polytechnique Montréal

May 4-  
2022

● **Mobilizing Justice: Developing Data-Driven Equity Standards**

Invited Seminar, Presenter

📍 Newcastle-upon-Tyne, UK

Newcastle University

May 3-  
2022

● **Spatial Data and Analytics**

SAD Interview, Interviewee

📍 Newcastle-upon-Tyne, UK

Alan Turing Institute

April 4-  
2022

● **Creating Programmatic CVs with R**

Unsolicited Advice, Presenter

📍 Hamilton, Canada

School of Earth, Environment and Society, McMaster University

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<sup>o</sup>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

Polytechnique Montréal