

# MAHDIS MOGHADASI

Professor, School of Earth, Environment and Society  
McMaster University



## EDUCATION

- 2021 • **McMaster University**  
PhD 📍 Hamilton, Canada
- 2015-2018 • **Tarbiat Modares University**  
M.Sc. 📍 Tehran, Iran  
  
Thesis Title: Analysis of the relationship between road access and spatial structures in Iran
- 2010-2014 • **Shiraz University**  
B.Eng. 📍 Shiraz, Iran  
  
Thesis Title: Measuring the accessibility to educational services in Shiraz metropolitan area



## 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



## 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



## CONTACT INFO

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

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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 2022-04-04.

- **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): 301
- **DC Wheeler, A Páez (2010)**  
C. 5 Geographically Weighted Regression. *Handbook of applied spatial 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 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<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 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