

# Antonio Páez

## PROFESSOR

School of Earth, Environment and Society  
McMaster University

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## About me

- I trained in civil engineering before being adopted into geography.
- My areas of interest are spatial analysis, spatial statistics, transportation, travel behavior, cities.
- At this rate my only hope of being recognized is as most promising oldest researcher in my discipline.

## Education

### Tohoku University

PHD

Sendai, Japan

1997-2000

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

### Tohoku University

M.Sc.

Sendai, Japan

1995-1997

- Thesis Title: Evaluation of Environmental Changes Caused by Urbanization

### Instituto Tecnológico y de Estudios Superiores de Monterrey

B.ENG.

Monterrey, Mexico

1989-1993

## Current Status at McMaster

Full Professor in the School of Earth, Environment and Society since 2014. Tenured since 2007.

## Employment History

### ACADEMIC

#### School of Earth, Society and Environment, McMaster University

PROFESSOR

Hamilton, Canada

July 2014-present

#### School of Earth, Environment and Society, McMaster University

ASSOCIATE PROFESSOR

Hamilton, Canada

July 2007-June 2014

#### School of Geography and Earth Sciences, McMaster University

ASSISTANT PROFESSOR

Hamilton, Canada

July 2002-June 2007

#### Center for Northeast Asian Studies, Tohoku University

RESEARCH FELLOW-LECTURER

Sendai, Japan

October 2000-March 2002

#### Dept. of Civil Engineering, Instituto Tecnológico y de Estudios Superiores de Monterrey

INSTRUCTOR-TOPOGRAPHICAL SURVEY LABORATORY

Monterrey, Mexico

January 1993-December 1993

### INDUSTRY

Surveyor and construction site supervisor (August 1993 – March 1995) Topographical survey projects in Nuevo León, Mexico, sponsored by various Municipal Public Works Departments (Monterrey, Guadalupe, Santa Catarina), and by Mercedes-Benz. These projects involved in-field data collection and computer aided design. Construction site supervision.

## Scholarly and Professional Activities

### EDITOR-IN-CHIEF:

Journal of Geographical Systems (January, 2008-present)

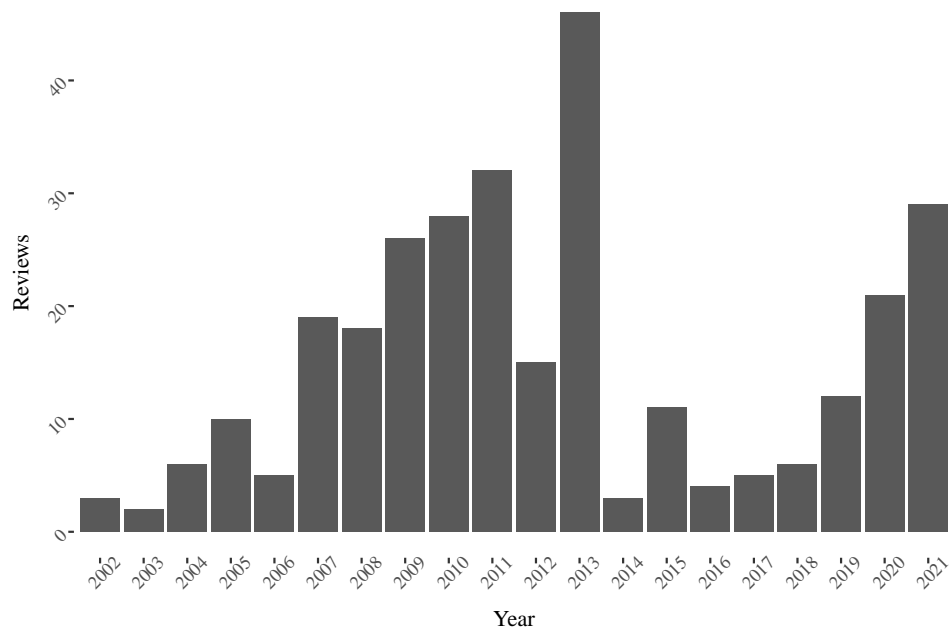


Figure 1: Number of journal reviews per year

## ASSOCIATE EDITOR:

Papers in Regional Science (November, 2016-August, 2019)

## EDITORIAL BOARD MEMBERSHIP

COMPUTERS, ENVIRONMENT, AND URBAN SYSTEMS

*January 2012-December 2017*

DECISION SUPPORT SYSTEMS

*April 2014-March 2017*

ECONOMIC AND BUSINESS LETTERS

*January 2014-present*

ENVIRONMENT AND PLANNING A

*January 2010-December 2017*

GEOGRAPHICAL ANALYSIS

*2018-present*

INGENIERÍA DE TRANSPORTE

*2015-present*

INTERNATIONAL JOURNAL OF GEOGRAPHIC INFORMATION SCIENCE

*January 2019-present*

JOURNAL OF TRANSPORT GEOGRAPHY

*2018-present*

OPEN ENVIRONMENTAL JOURNAL

*January, 2008-May, 2012*

OPEN GEOGRAPHY JOURNAL

*January, 2008-May, 2012*

OPEN URBAN STUDIES JOURNAL

*January, 2008-May, 2012*

PAPERS IN REGIONAL SCIENCE

*January 2015-present*

TRANSPORTATION

*January 2012-present*

## JOURNAL REFEREE

### 0.0.1 Number of Total Lifetime Reviews

301

### 0.0.2 Number of Reviews in 2021

29

### 0.0.3 Reviews per Year

Fig. 1 is a summary of journal reviews per year.

## 0.0.4 Reviews per journal

AGEING AND SOCIETY	2
ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS	4
APPLIED GEOGRAPHY	1
APPLIED SPATIAL ANALYSIS AND POLICY	2
AUTOMOTIVES	1
CANADIAN JOURNAL OF REGIONAL SCIENCE	1
CARTOGRAPHY AND GEOGRAPHIC INFORMATION SCIENCE	1
CASE STUDIES IN TRANSPORT POLICY	1
COMPUTATIONAL AND MATHEMATICAL ORGANIZATION THEORY	1
COMPUTERS AND GEOSCIENCES	1
COMPUTERS, ENVIRONMENT AND URBAN SYSTEMS	14
DECISION SUPPORT SYSTEMS	1
ECOLOGICAL APPLICATIONS	1
ECONOMIA APLICADA	1
ECONOMIC MODELLING	1
ENVIRONMENT AND PLANNING A	15
ENVIRONMENT AND PLANNING B	4
ENVIRONMENTAL MODELLING & ASSESSMENT	1
FINDINGS	4
GEO-SPATIAL INFORMATION SCIENCE	1
GEOGRAPHICAL ANALYSIS	23
HEALTH AND PLACE	7
HEALTH POLICY AND TECHNOLOGY	1
IEEE ACCESS	1
INTERNATIONAL JOURNAL OF GEOGRAPHIC INFORMATION SCIENCE	7
INTERNATIONAL JOURNAL OF HEALTH GEOGRAPHICS	1
INTERNATIONAL JOURNAL OF SUSTAINABLE TRANSPORTATION	3
INTERNATIONAL JOURNAL OF TRANSPORT MANAGEMENT	1
INTERNATIONAL REGIONAL SCIENCE REVIEW	2
JOURNAL OF GEOGRAPHICAL SYSTEMS	5
JOURNAL OF REGIONAL SCIENCE	5
JOURNAL OF THE EASTERN ASIA SOCIETY FOR TRANSPORTATION STUDIES	6
JOURNAL OF TRANSPORT AND HEALTH	3
JOURNAL OF TRANSPORT AND LAND USE	3
JOURNAL OF TRANSPORT GEOGRAPHY	24
LAND USE POLICY	1
LANDSCAPE AND URBAN PLANNING	4
LANDSCAPE ECOLOGY	1
LOWLAND TECHNOLOGY INTERNATIONAL JOURNAL	2
PAPERS IN REGIONAL SCIENCE	6
PLOS ONE	2
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	2
PROFESSIONAL GEOGRAPHER	2

REGIONAL SCIENCE AND URBAN ECONOMICS	3
REGIONAL STUDIES	2
RESEARCH IN TRANSPORTATION ECONOMICS	1
SOCIAL NETWORKS	2
SOCIAL SCIENCE AND MEDICINE	4
SOCIO-ECONOMIC PLANNING SCIENCES	1
SPATIAL ECONOMIC ANALYSIS	3
STUDIES IN REGIONAL SCIENCE	1
THE CANADIAN GEOGRAPHER	9
THE OPEN URBAN STUDIES JOURNAL	2
TRANSPORT POLICY	2
TRANSPORTATION	19
TRANSPORTATION LETTERS	1
TRANSPORTATION RESEARCH A: POLICY AND PRACTICE	14
TRANSPORTATION RESEARCH B: METHODOLOGICAL	5
TRANSPORTATION RESEARCH D: TRANSPORT AND ENVIRONMENT	3
TRANSPORTATION RESEARCH F: TRAFFIC PSYCHOLOGY	2
TRANSPORTATION SCIENCE	1
TRANSPORTMETRICA	1
TRANSPORTMETRICA A: TRANSPORT SCIENCE	1
TRB-TRR	46
URBAN GEOGRAPHY	1
URBAN STUDIES	7

## Areas of Interest

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Spatial data analysis and statistics; transportation modeling; travel behavior; health geography; Geographic Information Systems.

## Honours

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### VISITING PROFESSORSHIPS

#### Universidad Politécnica de Madrid

*Madrid, Spain*

VISITING PROFESSORSHIP

*2008*

### SCHOLARSHIPS

#### Japanese Ministry of Science, Education and Culture (Monbusho)

*Japan*

GRADUATE SCHOLARSHIP

*October, 1997-September, 2000*

#### Japanese Ministry of Science, Education and Culture (Monbusho)

*Japan*

GRADUATE SCHOLARSHIP

*April, 1995-September, 1997*

### SCIENTIFIC AWARDS

#### Japan Society of Civil Engineers

*57th Annual Conference of the*

*JSCE*

BEST PRESENTATION AWARD

*October, 2002*

- K. Kawai, K. Miyamoto, V. Vichiensan, and Antonio Pérez

## Association of American Geographers

MEREDITH F. BURRILL AWARD FOR WORK OF EXCEPTIONAL MERIT AND QUALITY THAT LIES AT OR NEAR THE INTERSECTION OF BASIC RESEARCH IN GEOGRAPHY ON THE ONE HAND, AND PRACTICAL APPLICATIONS OR POLICY IMPLICATIONS ON THE OTHER

- Antonio Páez, Ruben G. Mercado, Steven Farber, Catherine Morency, and Matthew Roorda

2010

## TRAINEE HONOURS

### Elise Desjardins

TRANSPORTATION GEOGRAPHY SPECIALTY GROUP OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS

*Winner, Master's Competition*

2021

### Md Moniruzzaman

INTERNATIONAL TRANSPORTATION FORUM

*Young Researcher Award*

2016

### Md Moniruzzaman

CANADIAN INSTITUTES FOR HEALTH RESEARCH, INSTITUTE OF AGING

*Age+ Prize*

2014

### Md Moniruzzaman

WORLD CONFERENCE OF TRANSPORT RESEARCH SOCIETY

*Ph.D. Prestige Grant*

2013

### Md Moniruzzaman

TRANSPORTATION GEOGRAPHY SPECIALTY GROUP OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS

*Winner, Master's Competition*

2012

### Steven Farber

TRANSPORTATION GEOGRAPHY SPECIALTY GROUP OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS

*Honorable Mention, Ph.D.*

*Competition*

2011

## Supervisorships

UNDERGRADUATE

DIPLOMA AND CERTIFICATE

MASTER

PH.D.

## Supervisory Committees

## Examination Committees

## Research and Other Funding

## Research Impact

Fig. 2 is a summary of research impact according to Google Scholar.

## Lifetime Publications

PEER-REVIEWED

### 0.0.5 Edited Books

### 0.0.6 Book Chapters

### 0.0.7 Journal Articles

1. Whalen, K., & Paez, A. (2021). Student perceptions of reflection and the acquisition of higher-order thinking skills in a university sustainability course [Journal Article]. *Journal of Geography in Higher Education*, 45(1), 108–127. <https://doi.org/10.1080/03098265.2020.1804843>
2. Pereira, R. H. M., Braga, C. K. V., Servo, L. M., Serra, B., Amaral, P., Gouveia, N., & Paez, A. (2021). Geographic access to COVID-19 healthcare in Brazil using a balanced float catchment area approach [Journal Article]. *Social Science & Medicine*, 273. <https://doi.org/10.1016/j.socscimed.2021.113773>

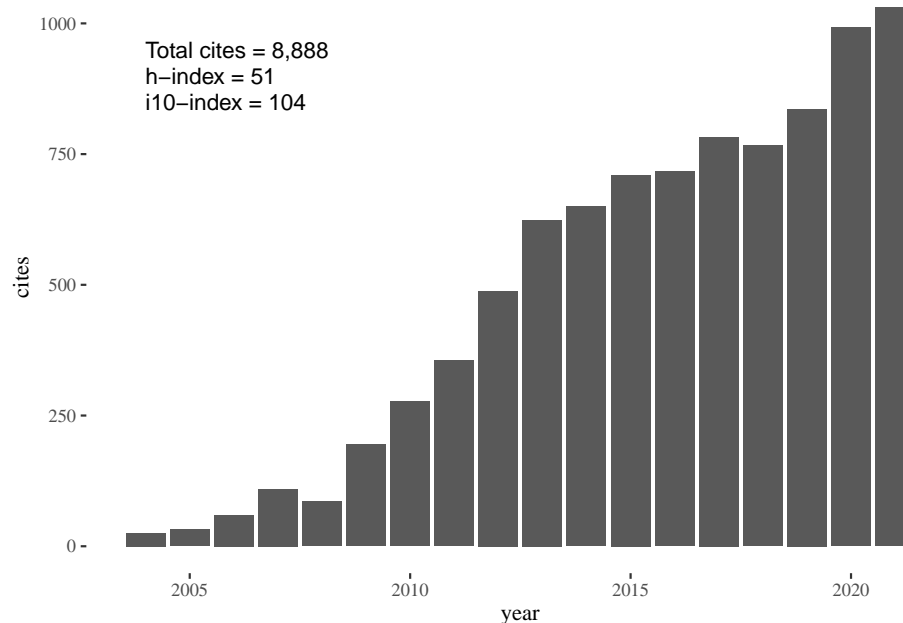


Figure 2: Citations per year according to Google Scholar

3. Paez, A., Lopez, F. A., Menezes, T., Cavalcanti, R., & Rocha Pitta, M. G. da. (2021). A spatio-temporal analysis of the environmental correlates of COVID-19 incidence in Spain [Journal Article]. *Geographical Analysis*, 53(3), 397–421. <https://doi.org/10.1111/gean.12241>
4. Páez, A., & Higgins, C. D. (2021). An examination of the accessibility implications of a pilot COVID-19 vaccination program in Hamilton, Ontario [Journal Article]. *Findings*. <https://doi.org/10.32866/001c.24082>
5. Paez, A. (2021). Open spatial sciences: An introduction [Journal Article]. *Journal of Geographical Systems*, 23(4), 467–476. <https://doi.org/10.1007/s10109-021-00364-4>
6. Lira, B. M., & Paez, A. (2021). Do drivers dream of walking? An investigation of travel mode dissonance from the perspective of affective values [Journal Article]. *Journal of Transport & Health*, 20. <https://doi.org/10.1016/j.jth.2021.101015>
7. Higgins, C. D., Paez, A., Kim, G., & Wang, J. (2021). Changes in accessibility to emergency and community food services during COVID-19 and implications for low income populations in Hamilton, Ontario [Journal Article]. *Social Science & Medicine*, 291. <https://doi.org/10.1016/j.socscimed.2021.114442>
8. Eldeeb, G., Mohamed, M., & Paez, A. (2021). Built for active travel? Investigating the contextual effects of the built environment on transportation mode choice [Journal Article]. *Journal of Transport Geography*, 96. <https://doi.org/10.1016/j.jtrangeo.2021.103158>
9. Doulabi, S., Hassan, H. M., Ferguson, M. R., Razavi, S., & Paez, A. (2021). Exploring the determinants of older adults' susceptibility to pedestrians' incidents [Journal Article]. *Accident Analysis and Prevention*, 155. <https://doi.org/10.1016/j.aap.2021.106100>
10. Desjardins, E., Higgins, C. D., Scott, D. M., Apatu, E., & Paez, A. (2021). Using environmental audits and photo-journeys to compare objective attributes and bicyclists' perceptions of bicycle routes [Journal Article]. *Journal of Transport & Health*, 22. <https://doi.org/10.1016/j.jth.2021.101092>
11. Desjardins, E., Apatu, E., Razavi, S. D., Higgins, C. D., Scott, D. M., & Paez, A. (2021). "Going through a little bit of growing pains": A qualitative study of the factors that influence the route choice of regular bicyclists in a developing cycling city [Journal Article]. *Transportation Research Part F-Traffic Psychology and Behaviour*, 81, 431–444. <https://doi.org/10.1016/j.trf.2021.06.005>
12. Victoriano, R., Paez, A., & Carrasco, J.-A. (2020). Time, space, money, and social interaction: Using machine learning to classify people's mobility strategies through four key dimensions [Journal Article]. *Travel Behaviour and Society*, 20, 1–11. <https://doi.org/10.1016/j.tbs.2020.02.004>

13. Sarlas, G., Paez, A., & Axhausen, K. W. (2020). Betweenness-accessibility: Estimating impacts of accessibility on networks [Journal Article]. *Journal of Transport Geography*, 84. <https://doi.org/10.1016/j.jtrangeo.2020.102680>
14. Romero, F., Gomez, J., Paez, A., & Manuel Vassallo, J. (2020). Toll roads vs. Public transportation: A study on the acceptance of congestion-calming measures in madrid [Journal Article]. *Transportation Research Part a-Policy and Practice*, 142, 319–342. <https://doi.org/10.1016/j.tra.2020.11.001>
15. Paez, A., Hassan, H., Ferguson, M., & Razavi, S. (2020). A systematic assessment of the use of opponent variables, data subsetting and hierarchical specification in two-party crash severity analysis [Journal Article]. *Accident Analysis and Prevention*, 144. <https://doi.org/10.1016/j.aap.2020.105666>
16. Paez, A., Anjum, Z., Dickson-Anderson, S. E., Schuster-Wallace, C. J., Martin Ramos, B., & Higgins, C. D. (2020). Comparing distance, time, and metabolic energy cost functions for walking accessibility in infrastructure-poor regions [Journal Article]. *Journal of Transport Geography*, 82. <https://doi.org/10.1016/j.jtrangeo.2019.102564>
17. Páez, A. (2020). Using google community mobility reports to investigate the growth of COVID-19 in the united states [Journal Article]. *Findings*. <https://doi.org/10.32866/001c.12976>
18. Jamal, S., & Páez, A. (2020). Changes in trip-making frequency by mode during the COVID-19 emergency in bangladesh [Journal Article]. *Findings*. <https://doi.org/10.32866/001c.17977>
19. Jamal, S., Mohiuddin, H., & Paez, A. (2020). How do the perceptions of neighborhood conditions impact active transportation? A study in rajshahi, bangladesh [Journal Article]. *Transportation Research Part D-Transport and Environment*, 87. <https://doi.org/10.1016/j.trd.2020.102525>
20. He, L., Paez, A., Jiao, J., An, P., Lu, C., Mao, W., & Long, D. (2020). Ambient population and larceny-theft: A spatial analysis using mobile phone data [Journal Article]. *Isprs International Journal of Geo-Information*, 9(6). <https://doi.org/10.3390/ijgi9060342>
21. Cupido, K., Jevtic, P., & Paez, A. (2020). Spatial patterns of mortality in the united states: A spatial filtering approach [Journal Article]. *Insurance Mathematics & Economics*, 95, 28–38. <https://doi.org/10.1016/j.insmatheco.2020.08.003>
22. Whalen, K., & Paez, A. (2019). Development of a new framework to guide, assess, and evaluate student reflections in a university sustainability course [Journal Article]. *Teaching & Learning Inquiry-the Issotl Journal*, 7(1), 55–77. <https://doi.org/10.20343/teachlearninqu.7.1.5>
23. Paez, A., Lopez, F., Ruiz, M., & Camacho, M. (2019). Inducing non-orthogonal and non-linear decision boundaries in decision trees via interactive basis functions [Journal Article]. *Expert Systems with Applications*, 122, 183–206. <https://doi.org/10.1016/j.eswa.2018.12.041>
24. Paez, A., Higgins, C. D., & Vivona, S. F. (2019). Demand and level of service inflation in floating catchment area (FCA) methods [Journal Article]. *Plos One*, 14(6). <https://doi.org/10.1371/journal.pone.0218773>
25. Paez, A. (2019). Using spatial filters and exploratory data analysis to enhance regression models of spatial data [Journal Article]. *Geographical Analysis*, 51(3), 314–338. <https://doi.org/10.1111/gean.12180>
26. Martin, B., & Paez, A. (2019). Individual and geographic variations in the propensity to travel by active modes in vitoria-gasteiz, spain [Journal Article]. *Journal of Transport Geography*, 76, 103–113. <https://doi.org/10.1016/j.jtrangeo.2019.03.005>
27. Arranz-Lopez, A., Soria-Lara, J. A., Witlox, F., & Paez, A. (2019). Measuring relative non-motorized accessibility to retail activities [Journal Article]. *International Journal of Sustainable Transportation*, 13(9), 639–651. <https://doi.org/10.1080/15568318.2018.1498563>
28. Lopez, F. A., Paez, A., Carrasco, J. A., & Ruminot, N. A. (2017). Vulnerability of nodes under controlled network topology and flow autocorrelation conditions [Journal Article]. *Journal of Transport Geography*, 59, 77–87. <https://doi.org/10.1016/j.jtrangeo.2017.02.002>
29. Lopez, F. A., & Paez, A. (2017). Spatial clustering of high-tech manufacturing and knowledge-intensive service firms in the greater toronto area [Journal Article]. *Canadian Geographer-Geographe Canadien*, 61(2), 240–252. <https://doi.org/10.1111/cag.12326>
30. He, L., Paez, A., & Liu, D. (2017). Built environment and violent crime: An environmental audit approach using google street view [Journal Article]. *Computers Environment and Urban Systems*, 66, 83–95. <https://doi.org/10.1016/j.compenvurbsys.2017.08.001>

31. He, L., Paez, A., & Liu, D. (2017). Persistence of crime hot spots: An ordered probit analysis [Journal Article]. *Geographical Analysis*, 49(1), 3–22. <https://doi.org/10.1111/gean.12107>
32. Rojas, C., Paez, A., Barbosa, O., & Carrasco, J. (2016). Accessibility to urban green spaces in chilean cities using adaptive thresholds [Journal Article]. *Journal of Transport Geography*, 57, 227–240. <https://doi.org/10.1016/j.jtrangeo.2016.10.012>
33. Moniruzzaman, M., & Paez, A. (2016). An investigation of the attributes of walkable environments from the perspective of seniors in montreal [Journal Article]. *Journal of Transport Geography*, 51, 85–96. <https://doi.org/10.1016/j.jtrangeo.2015.12.001>
34. Lopez, F. A., Matilla-Garcia, M., Mur, J., Paez, A., & Ruiz, M. (2016). A note on the SG(m) test [Journal Article]. *Journal of Geographical Systems*, 18(1), 87–96. <https://doi.org/10.1007/s10109-015-0221-7>
35. Roofigari-Esfahan, N., Paez, A., & Razavi, S. N. (2015). Location-aware scheduling and control of linear projects: Introducing space-time float prisms [Journal Article]. *Journal of Construction Engineering and Management*, 141(1). [https://doi.org/10.1061/\(asce\)co.1943-7862.0000916](https://doi.org/10.1061/(asce)co.1943-7862.0000916)
36. Neto, R. S., Duarte, G., & Paez, A. (2015). Gender and commuting time in sao paulo metropolitan region [Journal Article]. *Urban Studies*, 52(2), 298–313. <https://doi.org/10.1177/0042098014528392>
37. Moniruzzaman, M., Paez, A., Scott, D., & Morency, C. (2015). Trip generation of seniors and the geography of walking in montreal [Journal Article]. *Environment and Planning a-Economy and Space*, 47(4), 957–976. <https://doi.org/10.1068/a130070p>
38. Moniruzzaman, M., Chudyk, A., Paez, A., Winters, M., Sims-Gould, J., & McKay, H. (2015). Travel behavior of low income older adults and implementation of an accessibility calculator [Journal Article]. *Journal of Transport & Health*, 2(2), 257–268. <https://doi.org/10.1016/j.jth.2015.02.006>
39. He, L., Paez, A., Liu, D., & Jiang, S. (2015). Temporal stability of model parameters in crime rate analysis: An empirical examination [Journal Article]. *Applied Geography*, 58, 141–152. <https://doi.org/10.1016/j.apgeog.2015.02.002>
40. Goetzke, F., Gerike, R., Paez, A., & Dugundji, E. (2015). Social interactions in transportation: Analyzing groups and spatial networks [Journal Article]. *Transportation*, 42(5), 723–731. <https://doi.org/10.1007/s11116-015-9643-9>
41. Farber, S., Ruiz Marin, M., & Paez, A. (2015). Testing for spatial independence using similarity relations [Journal Article]. *Geographical Analysis*, 47(2), 97–120. <https://doi.org/10.1111/gean.12044>
42. Wheeler, D. C., Paez, A., Spinney, J., & Waller, L. A. (2014). A bayesian approach to hedonic price analysis [Journal Article]. *Papers in Regional Science*, 93(3), 663–683. <https://doi.org/10.1111/pirs.12003>
43. Reyes, M., Paez, A., & Morency, C. (2014). Walking accessibility to urban parks by children: A case study of montreal [Journal Article]. *Landscape and Urban Planning*, 125, 38–47. <https://doi.org/10.1016/j.landurbplan.2014.02.002>
44. Poulou, T., Elliott, S. J., Paez, A., & Newbold, K. B. (2014). Building obesity in canada: Understanding the individual-and neighbourhood-level determinants using a multi-level approach [Journal Article]. *Geospatial Health*, 9(1), 45–55. <https://doi.org/10.4081/gh.2014.5>
45. Moniruzzaman, M., Paez, A., & Morency, C. (2014). Compliance potential mapping: A tool to assess potential contributions of walking towards physical activity guidelines [Journal Article]. *Bmc Public Health*, 14. <https://doi.org/10.1186/1471-2458-14-511>
46. Farber, S., Bartholomew, K., Li, X., Paez, A., & Habib, K. M. N. (2014). Assessing social equity in distance based transit fares using a model of travel behavior [Journal Article]. *Transportation Research Part a-Policy and Practice*, 67, 291–303. <https://doi.org/10.1016/j.tra.2014.07.013>
47. Whalen, K. E., Paez, A., & Carrasco, J. A. (2013). Mode choice of university students commuting to school and the role of active travel [Journal Article]. *Journal of Transport Geography*, 31, 132–142. <https://doi.org/10.1016/j.jtrangeo.2013.06.008>
48. Silva, R. R. da, & Páez, A. (2013). O isolamento geoeconômico dos municípios da região norte do brasil: Uma proposta para quantificá-lo. *Revista Brasileira de Estudos Regionais e Urbanos*, 7(1), 1–18.



49. Scott, D. M., Dugundji, E. R., & Paez, A. (2013). The social dimension of activity, travel and location choice behavior [Journal Article]. *Journal of Transport Geography*, 31, 212–215. <https://doi.org/10.1016/j.jtrangeo.2013.06.009>
50. Paez, A., Moniruzzaman, M., Bourbonnais, P.-L., & Morency, C. (2013). Developing a web-based accessibility calculator prototype for the greater montreal area [Journal Article]. *Transportation Research Part a-Policy and Practice*, 58, 103–115. <https://doi.org/10.1016/j.tra.2013.10.020>
51. Paez, A., Lopez, F. A., Ruiz, M., & Morency, C. (2013). Development of an indicator to assess the spatial fit of discrete choice models [Journal Article]. *Transportation Research Part B-Methodological*, 56, 217–233. <https://doi.org/10.1016/j.trb.2013.08.009>
52. Paez, A., Farber, S., Mercado, R., Roorda, M., & Morency, C. (2013). Jobs and the single parent: An analysis of accessibility to employment in toronto [Journal Article]. *Urban Geography*, 34(6), 815–842. <https://doi.org/10.1080/02723638.2013.778600>
53. Paez, A., Esita, J., Newbold, K. B., Heddle, N. M., & Blake, J. T. (2013). Exploring resource allocation and alternate clinic accessibility landscapes for improved blood donor turnout [Journal Article]. *Applied Geography*, 45, 89–97. <https://doi.org/10.1016/j.apgeog.2013.08.008>
54. Paez, A. (2013). Mapping travelers' attitudes: Does space matter? [Journal Article]. *Journal of Transport Geography*, 26, 117–125. <https://doi.org/10.1016/j.jtrangeo.2012.09.002>
55. Moniruzzaman, M., Paez, A., Habib, K. M. N., & Morency, C. (2013). Mode use and trip length of seniors in montreal [Journal Article]. *Journal of Transport Geography*, 30, 89–99. <https://doi.org/10.1016/j.jtrangeo.2013.03.007>
56. Le Gallo, J., & Paez, A. (2013). Using synthetic variables in instrumental variable estimation of spatial series models [Journal Article]. *Environment and Planning a-Economy and Space*, 45(9), 2227–2242. <https://doi.org/10.1068/a45443>
57. Lavery, T. A., Paez, A., & Kanaroglou, P. S. (2013). Driving out of choices: An investigation of transport modality in a university sample [Journal Article]. *Transportation Research Part a-Policy and Practice*, 57, 37–46. <https://doi.org/10.1016/j.tra.2013.09.010>
58. Whalen, K. E., Paez, A., Bhat, C., Moniruzzaman, M., & Paleti, R. (2012). T-communities and sense of community in a university town: Evidence from a student sample using a spatial ordered-response model [Journal Article]. *Urban Studies*, 49(6), 1357–1376. <https://doi.org/10.1177/0042098011411942>
59. Scott, D. M., Dam, I., Paez, A., & Wilton, R. D. (2012). Investigating the effects of social influence on the choice to telework [Journal Article]. *Environment and Planning A*, 44(5), 1016–1031. <https://doi.org/10.1068/a43223>
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### 0.0.8 Conference Presentations and Proceedings

#### ACCEPTED FOR PUBLICATION IN FINAL FORM

1. Whalen, K., & Paez, A. (2022). Reliability of the RLF and students' demonstrated higher-order thinking skills as inferred from reflections in geography and sustainability courses [Journal Article]. *Journal of Geography*.
2. Scott, D. M., Brown, M. J., & Páez, A. (2022). A spatial modeling approach to estimating bike share traffic volume from GPS data [Journal Article]. *Sustainable Cities and Society*, 76. <https://doi.org/10.1016/j.scs.2021.103401>
3. Desjardins, E., Higgins, C. D., & Paez, A. (2022). Examining spatial equity of bike share: A balanced floating catchment area approach [Journal Article]. *Transportation Research Part D: Transport and Environment*.

4. Paez, A. (2021). Reproducibility of research during COVID-19: Examining the case of population density and the basic reproductive rate from the perspective of spatial analysis [Journal Article]. *Geographical Analysis*. <https://doi.org/10.1111/gean.12307>
5. Desjardins, E., Higgins, C. D., Scott, D. M., Apatu, E., & Paez, A. (2021). Correlates of bicycling trip flows in hamilton, ontario: Fastest, quietest, or balanced routes? [Journal Article]. *Transportation*. <https://doi.org/10.1007/s11116-021-10197-1>

#### SUBMITTED FOR PUBLICATION

1. Soukhov, A., Mohamed, M., Higgins, C. D., & Antonio, P. (2022). School closures and the equity implications of active travel to school [Journal Article]. *Transportation Research Part D: Transport and Environment*.
2. Sears, S., Mohamed, M., Ferguson, M., Razavi, S., & Antonio, P. (2022). Perceived barriers to the movement of goods in canada: A grounded theory investigation [Journal Article]. *Transportation Research Part A: Policy and Practice*.
3. Rey Blanco, D., Arbués, P., López, F. A., & Páez, A. (2022). Using machine learning to identify spatial market segments: A reproducible study of major spanish markets [Journal Article]. *Environment and Planning B: Urban Analytics and City Science*.
4. Merral, J., Higgins, C. D., & Paez, A. (2022). What's a school worth to a neighborhood? A spatial hedonic analysis of property prices in the context of accommodation reviews in ontario [Journal Article]. *Cities*.
5. Jamal, S., & Antonio, P. (2022). Well-being implications of immobility during COVID-19: Evidence from a student sample in bangladesh using the satisfaction with life scale [Journal Article]. *Transportation*.
6. Higgins, C. D., Demitry, M., Páez, A., & Miller, E. J. (2022). Using machine learning to identify spatial market segments: A reproducible study of major spanish markets [Journal Article]. *Environment and Planning B: Urban Analytics and City Science*.
7. Desjardins, E., Lam, J., Darcy, R., Damian, C., Waygood, O., & Páez, A. (2022). The framing of active school travel in ontario, canada as a health and built environment issue [Journal Article]. *Social Science & Medicine*.

## Invited Talks, Seminars and Courses \_\_\_\_\_

### Keynote Speaker

VI JORNADAS DE DOCTORADO Y SEMINARIOS NOVEL

Cartagena, Spain

November 29-2021

### Panelist

LIGHTNING ROUND: TEACHING IN THE OPEN AT MCMASTER

Hamilton, Canada

October 28-2021