

# 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 include spatial analysis, spatial statistics, transportation, travel behavior, cities.
- Also, too, mathematics, computer languages, science fiction, poetry, and memes.
- I have been known to look professorial on occasion.
- At this rate my only hope of being recognized is as the 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

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### EDITOR-IN-CHIEF:

Journal of Geographical Systems (January, 2008-present)

### 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

306

#### 0.0.2 Number of Reviews in 2022

5

#### 0.0.3 Reviews-to-Publications per Year

Fig. 1 is a summary of journal reviews-to-publications per year showing contributions to peer-review relative to demands on peer-review.

#### 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

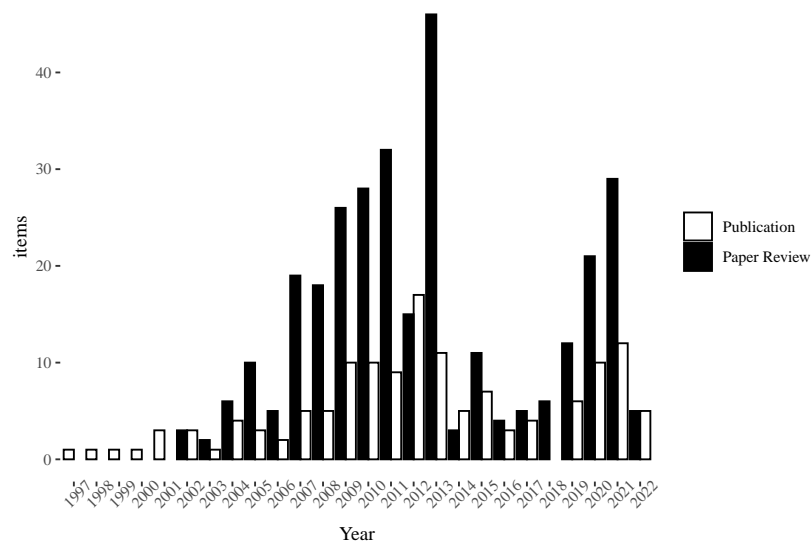


Figure 1: Reviews-to-publications by year

DECISION SUPPORT SYSTEMS	1
ECOLOGICAL APPLICATIONS	1
ECONOMIA APLICADA	1
ECONOMIC MODELLING	1
ENVIRONMENT AND PLANNING A	15
ENVIRONMENT AND PLANNING B	5
ENVIRONMENTAL MODELLING & ASSESSMENT	1
FINDINGS	4
GEO-SPATIAL INFORMATION SCIENCE	1
GEOGRAPHICAL ANALYSIS	25
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	25
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	5
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

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

## Honours

### 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

2010

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

## TRAINEE HONOURS

### Elise Desjardins

*Winner, Master's Competition*

TRANSPORTATION GEOGRAPHY SPECIALTY GROUP OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS

2021

### Md Moniruzzaman

*Young Researcher Award*

INTERNATIONAL TRANSPORTATION FORUM

2016

### Md Moniruzzaman

*Age+ Prize*

CANADIAN INSTITUTES FOR HEALTH RESEARCH, INSTITUTE OF AGING

2014

### Md Moniruzzaman

*Ph.D. Prestige Grant*

WORLD CONFERENCE OF TRANSPORT RESEARCH SOCIETY

2013

### Md Moniruzzaman

*Winner, Master's Competition*

TRANSPORTATION GEOGRAPHY SPECIALTY GROUP OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS

2012

### Steven Farber

*Honorable Mention, Ph.D. Competition*

TRANSPORTATION GEOGRAPHY SPECIALTY GROUP OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS

2011

## OTHER

### Highly Cited Badge

WEB OF SCIENCE

2022

- Páez A, Scott DM, Morency C (2012) Measuring accessibility: Positive and normative aspects of various accessibility indicators, *Journal of Transport Geography*. 25 141-153 (doi: 10.1016/j.jtrangeo.2012.03.016)
- Páez A, Lopez FA, Menezes T, Cavalcanti R, Galdino da Rocha Pitta M (2021) A spatio-temporal analysis of the environmental correlates of COVID-19 incidence in Spain, *Geographical Analysis*, 53 (3) 397-421 (doi:10.1111/gean.12241)

## 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

1. Franklin, R. S., Leeuwen, E. S. van, & Paez, A. (2018). *Population loss: The role of transportation and other issues*. Academic Press.

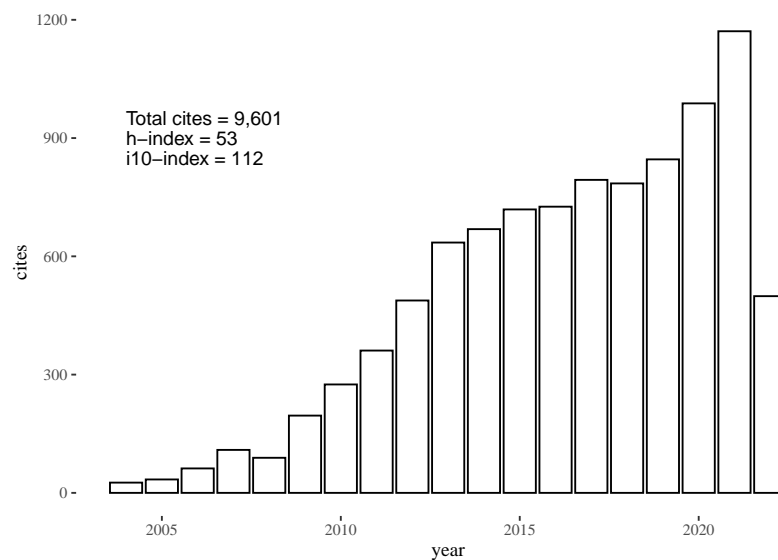


Figure 2: Citations per year according to Google Scholar

2. Kanaroglou, P., Delmelle, E., & Páez, A. (2015). *Spatial analysis in health geography*. Ashgate Publishing, Ltd.
3. Páez, A., Gallo, J., Buliung, R. N., & Dall'erba, S. (2009). *Progress in spatial analysis: Methods and applications*. Springer Science & Business Media.

#### 0.0.6 Book Chapters

#### 0.0.7 Journal Articles (Published)

1. Whalen, K., & Paez, A. (2022). Reliability of the reflective learning framework for assessing higher-order thinking in geography and sustainability courses [Journal Article]. *Journal of Geography*, 121(1), 18–33. <https://doi.org/10.1080/00221341.2021.2003848>
2. Sears, S., Moataz, M., Ferguson, M., Razavi, S., & Páez, A. (2022). Perceived barriers to the movement of goods in canada: A grounded theory investigation [Journal Article]. *Transportation Research Part A: Policy and Practice*, 162, 27–45. <https://doi.org/https://doi.org/10.1016/j.tra.2022.05.011>
3. Desjardins, E., Higgins, C. D., & Páez, A. (2022). Examining equity in accessibility to bike share: A balanced floating catchment area approach. *Transportation Research Part D: Transport and Environment*, 102, 103091. <https://doi.org/https://doi.org/10.1016/j.trd.2021.103091>
4. Demitiry, M., Higgins, C. D., Páez, A., & Miller, E. J. (2022). Accessibility to primary care physicians: Comparing floating catchments with a utility-based approach. *Journal of Transport Geography*, 101, 103356. <https://doi.org/https://doi.org/10.1016/j.jtrangeo.2022.103356>
5. Brown, M. J., Scott, D. M., & Páez, A. (2022). A spatial modeling approach to estimating bike share traffic volume from GPS data [Journal Article]. *Sustainable Cities and Society*, 76, 103401. <https://doi.org/10.1016/j.scs.2021.103401>
6. 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>
7. 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>
8. 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>
9. 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>

10. 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>
11. 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>
12. 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>
13. 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>
14. 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>
15. 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>
16. 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>
17. de Arruda, R. G., de Menezes, T. A., dos Santos, J. M. A., Paez, A., & Lopes, F. (2021). The effect of politician denialist approach on COVID-19 cases and deaths [Journal Article]. *Economia*, 22(3), 214–224. <https://doi.org/https://doi.org/10.1016/j.econ.2021.11.007>
18. 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>
19. 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>
20. 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>
21. 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>
22. 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>
23. 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>
24. 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>
25. 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>
26. 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>

27. 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>
28. 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>
29. 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>
30. 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>
31. 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>
32. 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>
33. 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>
34. 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>
35. 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>
36. 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>
37. 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>
38. 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>
39. 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>
40. 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>
41. 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)
42. 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>
43. 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>
44. 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>



45. 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>
46. 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>
47. 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>
48. 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>
49. 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>
50. 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>
51. 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>
52. 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>
53. 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>
54. 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.
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#### 0.0.8 Journal Articles (Accepted for Publication in Final Form)

1. 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>
2. 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>

#### 0.0.9 Journal Articles (Submitted for Publication)

1. Soukhov, A., Páez, A., Higgins, C. D., & Mohamed, M. (2022). Introducing spatial availability, a singly-constrained competitive-access accessibility measure [Journal Article]. *PLoS ONE*.
2. Soukhov, A., & Páez, A. (2022). TTS2016R: A data set to study population and employment patterns from the 2016 transportation tomorrow survey (TTS) in the greater toronto and hamilton area in canada [Journal Article]. *Environment and Planning B: Urban Analytics and City Science*.
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. Rey Blanco, D., Arbués, P., López, F. A., & Páez, A. (2022). A geo-referenced micro-data set of real estate listings for spain's three largest cities [Journal Article]. *Environment and Planning B: Urban Analytics and City Science*.
5. Merral, J., Higgins, C. D., & Páez, 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*.
6. Jamal, S., & Páez, A. (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*.
7. Jamal, S., & Páez, A. (2022). Changes in walking frequency and its equity implications during COVID-19 in bangladesh [Journal Article]. *Transportation Research Part D: Transport and Environment*.
8. Jamal, S., & Páez, A. (2022). Exploring modal shift in non-active sustainable modes during the first wave of COVID-19 in bangladesh [Journal Article]. *Transport Policy*.
9. Desjardins, E., Lam, J., Darcy, R., Damian, C., Waygood, O., & Páez, A. (2022). How is active school travel framed in ontario, canada? [Journal Article]. *Social Science & Medicine*.

## Unsolicited Advice

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## Accessibility and Threshold Selection

POLYTECHIQUE MONTRÉAL

- Unsolicited Advice, Presenter

Montréal, Canada

May 20-2022

## Programmatic CVs with R

McMASTER UNIVERSITY, SCHOOL OF EARTH ENVIRONMENT AND SOCIETY

- Unsolicited Advice, Presenter

Hamilton, Canada

April 4-2022

## Invited Talks, Seminars, Workshops, Courses, and Panels

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### How is active school travel (AST) framed in Ontario

POLYTECHIQUE MONTRÉAL

- Colloque Annuel de la Chaire Mobilité, Presenter

Montréal, Canada

May 19-2022

### Mobilizing Justice: Developing Data-Driven Equity Standards

NEWCASTLE UNIVERSITY

- Invited Seminar, Presenter

Newcastle-upon-Tyne, UK

May 4-2022

### Spatial Data and Analytics

ALAN TURING INSTITUTE

- SAD Interview, Interviewee

Newcastle-upon-Tyne, UK

May 3-2022

### Developing a companion package to support teaching spatial statistics with Introduction to Spatial Data Analysis and Statistics

MACPHERSON INSTITUTE AND McMASTER UNIVERSITY LIBRARY

- Lightning Round: Teaching in the Open at McMaster, Panelist

Hamilton, Canada

March 7-2022

### Introducing Spatial Availability: A Singly Constrained Measure of Accessibility

INSTITUTO DE PESQUISA ECONÔMICA APLICADA

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December 10-2021

### Investigación Reproducible

DOCTORADO EN ECONOMÍA INTERUNIVERSITARIO

- VI Jornadas de Doctorado y Seminarios Novel, Keynote Speaker

Cartagena, Spain

November 29-2021

### Creation of a Living Textbook for Teaching Spatial Statistics

MACPHERSON INSTITUTE AND McMASTER UNIVERSITY LIBRARY

- Lightning Round: Teaching in the Open at McMaster, Panelist

Hamilton, Canada

October 28-2021

### Examining spatial equity of bike share: A balanced floating catchment area approach

POLYTECHIQUE MONTRÉAL

- Colloque Annuel de la Chaire Mobilité, Presenter

Montréal, Canada

May 25-2021

### What's a school worth to a neighborhood

GRAN SASSO SCIENCE INSTITUTE

- Invited Seminar, Presenter

L'Aquila, Italy

March 17- 2021

### Transportation research seminar

ITE TRANSPORTATION RESEARCH SEMINAR (McMASTER CHAPTER)

- Invited Talk, Speaker

Hamilton, Canada

October 1-2020

### Using CycleStreets and spatial interaction analysis to infer cycling routes

POLYTECHIQUE MONTRÉAL

- Colloque Annuel de la Chaire Mobilité, Presenter

Montréal, Canada

June 16-2020

### Big data and behavioral analysis

TRANSYT, UNIVERSIDAD POLITÉCNICA DE MADRID

- Invited Talk, Speaker

Madrid, Spain

July 9-2019

### 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

DEPARTMENT OF APPLIED ECONOMICS, UNIVERSIDAD AUTÓNOMA DE MADRID

- Invited Talk, Speaker

Madrid, Spain

July 8-2019

## Accessibility in Infrastructure Poor Regions

DEPARTMENT OF CIVIL, ENVIRONMENTAL, AND GEOMATICS ENGINEERING, ETH ZURICH

- Invited Talk, Speaker

Zurich, Switzerland

July 1-2019

## Big data and behavioral analysis

UNIVERSIDAD POLITÉCNICA DE CARTAGENA

- XXIII Applied Economics Meeting, Keynote Speaker

Cartagena, Spain

June 6-2019

## Cost Functions for Accessibility by Walking

POLYTECHIQUE MONTRÉAL

- Colloque Annuel de la Chaire Mobilité, Presenter

Montréal, Canada

May 21-2019

## McMaster Research Data Forum

MCMASTER LIBRARY, RHPCS, MACDATA, AND THE TIER 3 RESEARCH DATA MANAGEMENT IT COMMITTEE

- McMaster Research Data Forum, Panelist

Hamilton, Canada

December 18-2018

## Accesibilidad a los servicios de salud

DEPARTMENT OF GEOGRAPHY, UNIVERSIDAD COMPLUTENSE DE MADRID

- Invited Talk, Speaker

Madrid, Spain

June 5-2018

## Developing Dashboards to Communicate Transportation Information

POLYTECHIQUE MONTRÉAL

- Colloque Annuel de la Chaire Mobilité, Presenter

Montréal, Canada

May 23-2018

## Methodology: spatial statistics with R

GRAN SASSO SCIENCE INSTITUTE

- Short Course, Instructor

L'Aquila, Italy

March 12 to 14-2018

## Travel and Time Poverty among Canadian Single Parent Households

UNIVERSITY OF TORONTO

- CIHR Workshop: Considering the role of Time Pressure and Geography In Food Shopping and dietary behaviours, Speaker

Toronto, Canada

October 26-2017

## Built environment and violent crime: An environmental audit approach using Google Street View

DEPARTMENT OF LAND ECONOMY, UNIVERSITY OF CAMBRIDGE

- Invited Talk, Speaker

Cambridge, UK

October 11-2017

## A simple indicator for inequality analysis in activity/travel behavior

BARTLETT SCHOOL OF PLANNING, UNIVERSITY COLLEGE LONDON

- Invited Talk, Speaker

London, UK

October 9-2017

## Exploratory spatial data analysis of categorical data

REGIONAL SCIENCE ASSOCIATION INTERNATIONAL-GRAN SASSO SCIENCE INSTITUTE SUMMER SCHOOL

- Invited workshop, Instructor

L'Aquila, Italy

July 3 to 4-2017

## Spatial Clustering of Traveller Attitudinal Profiles

POLYTECHIQUE MONTRÉAL

- Colloque Annuel de la Chaire Mobilité, Presenter

Montréal, Canada

May 12-2017

## Mode Use Propensity by Attitudinal and Spatial Cluster: An Exploratory Analysis

ECOLE SUPERIEURE D'AMENAGEMENT DU TERRITOIRE ET DE DEVELOPPEMENT REGIONAL, LAVAL UNIVERSITY

- Invited Talk, Speaker

Quebec, Canada

April 19-2017

## Gender or Role? Analysis of activity participation of single-parent household heads in Canada considering Time-Use Patterns

CENTRO DE DESARROLLO SUSTENTABLE UNIVERSIDAD DE CONCEPCIÓN

- Invited Talk, Speaker

Concepción, Chile

March 6-2017

## Indicators for inequality analysis in activity/travel behavior

TRANSPORT EQUITY ANALYSIS COST ACTION

- Invited Seminar, Presenter

Thessaloniki, Greece

May 6-2015

## Accessible Accessibility Research Challenges

ASSOCIATION OF AMERICAN GEOGRAPHERS

- Fleming Lecture in Transport Geography (Prof. Bert van Wee), Discussant

Chicago, USA

April 23-2015



## Transportation and Spatial Analysis

DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF CALIFORNIA SANTA BARBARA

- Invited Talk, Speaker

*Santa Barbara, USA*

*January 29-2015*

## In the Beginning There was Transportation (There was also GIS)

SCHOOL OF GEOGRAPHY, EARTH AND ENVIRONMENTAL SCIENCES, UNIVERSITY OF BIRMINGHAM

- Invited Seminar, Presenter

*Birmingham, UK*

*January 12-2015*

## Selected topics in spatial analysis

THE UNIVERSITY OF WESTERN AUSTRALIA BUSINESS SCHOOL

- Invited workshop, Instructor

*Perth, Australia*

*December 12 to 17-2014*

## Mobility for sustainable communities

THE UNIVERSITY OF WESTERN AUSTRALIA

- Invited Talk, Speaker

*Perth, Australia*

*December 15-2014*

## Mobility-based geodemographics

THE UNIVERSITY OF WESTERN AUSTRALIA

- Invited Talk, Speaker

*Perth, Australia*

*December 10-2014*

## Mapping traveler attitudes: Does space matter?

DEPARTMENT OF SPATIAL SCIENCES, CURTIN UNIVERSITY

- Invited Talk, Speaker

*Perth, Australia*

*December 8-2014*

## An investigation of the attributes of walkable environments from the perspective of seniors in Montréal

INSTITUTE OF TRANSPORT GEOGRAPHY AND SPATIAL PLANNING, SHAANXI NORMAL UNIVERSITY

- Workshop Low-Carbon Cities: Land Use and Transportation Intervention, Speaker

*Xi'an, China*

*June 11-2014*

## Using spatial analysis to support site selection for field work: The case of walkability audits

SCHOOL OF ECONOMIC, POLITICAL AND POLICY SCIENCES, UNIVERSITY OF TEXAS AT DALLAS

- Invited Talk, Speaker

*Dallas, USA*

*May 26-2014*

## An investigation of the attributes of walkable environments from the perspective of seniors in Montréal

POLYTECHIQUE MONTRÉAL

- Colloque Annuel de la Chaire Mobilité, Presenter

*Montréal, Canada*

*May 13-2014*

## Mobility and the potential for social contact among children in Montréal

UNIVERSITY OF UTRECHT

- Living in Enclave Cities: Towards Mobility-Based Perspectives on Urban Segregation, Speaker

*Utrecht, The Netherlands*

*March 21-2014*

## Contribuciones de las geotecnologías y análisis espacial al estudio de sistemas de transporte

DEPARTMENT OF CIVIL ENGINEERING, INSTITUTO TECNOLÓGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY

- Invited Talk, Speaker

*Monterrey, Mexico*

*February 18-2014*

## Accounting for facility congestion using individual-based estimates of accessibility

INSTITUTE FOR PROSPECTIVE TECHNOLOGICAL STUDIES, EUROPEAN COMMISSION

- NECTAR Cluster 6 Meeting, Speaker

*Sevilla, Spain*

*February 6-2014*

## The Next 50 Years in Travel Analysis: What We Don't Know but Need to Know

93RD ANNUAL MEETING OF THE TRANSPORTATION RESEARCH BOARD

- Panel Session, Panelist

*Washington, D.C., USA*

*January 12-2014*

## Special Topics in Spatial Analysis

UNIVERSIDADE FEDERAL DE PERNAMBUCO

- Invited Seminar, Instructor

*Recife, Brazil*

*July 8 to 12-2013*

## Mobility for Sustainable Communities

SHAD VALLEY MCMASTER

- Invited Talk, Speaker

*Hamilton, Canada*

*July 4-2013*

<b>In the Beginning There was Transportation (There was also GIS)</b> SCHOOL OF GEOSCIENCES, UNIVERSITY OF ABERDEEN • Invited Talk, Speaker	Aberdeen, UK May 20-2013
<b>Mapping Traveler Attitudes: Does Space Matter?</b> POLYTECHIQUE MONTRÉAL • Colloque Annuel de la Chaire Mobilité, Presenter	Montréal, Canada May 13-2013
<b>Driving out of choices: An investigation of transport modality in a university sample</b> DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF UTAH • Invited Talk, Speaker	Salt Lake City, USA March 29-2013
<b>Gender or Role? Analysis of activity participation of single-parent household heads in Canada considering time-use patterns</b> SCHOOL OF GEOGRAPHY AND EARTH SCIENCES, MCMASTER UNIVERSITY • Invited Seminar, Presenter	Hamilton, Canada February 4-2013
<b>Web-based accessibility calculator for Montréal</b> POLYTECHIQUE MONTRÉAL • Colloque Annuel de la Chaire Mobilité, Presenter	Montréal, Canada May 23-2012
<b>Desarrollo de un indicador de ajuste espacial para modelos de selección discreta</b> DEPARTAMENTO DE MÉTODOS CUANTITATIVOS PARA LA ECONOMÍA, UNIVERSIDAD DE MURCIA • Invited Talk, Speaker	Murcia, Spain May 3-2012
<b>Mapping traveler attitudes: Does space matter?</b> CENTER FOR URBAN TRANSPORTATION RESEARCH, UNIVERSITY OF SOUTH FLORIDA • Invited Talk, Speaker	Tampa, USA April 20-2012
<b>Time geography and potential applications for space-time scheduling</b> DEPARTMENT OF CIVIL ENGINEERING, MCMASTER UNIVERSITY • Invited Seminar, Presenter	Hamilton, Canada April 13-2012
<b>Developing a web-based accessibility calculator prototype</b> SCHOOL OF GEOGRAPHICAL SCIENCES AND URBAN PLANNING, UNIVERSITY OF PENNSYLVANIA • Invited Talk, Speaker	Philadelphia, USA January 18-2012
<b>Using the Q statistic to explore segregation patterns of ethnic groups</b> SCHOOL OF GEOGRAPHICAL SCIENCES AND URBAN PLANNING, ARIZONA STATE UNIVERSITY • Invited Talk, Speaker	Tempe, USA January 13-2012
<b>Developing a web-based accessibility calculator prototype</b> CENTRE FOR HIP HEALTH AND MOBILITY, UNIVERSITY OF BRITISH COLUMBIA • Symposium "If We Build It Will They Walk?", Presenter	Vancouver, Canada November 1-2011
<b>Walkable schools for sustainable communities</b> ACCOMMODATION REVIEW COMMITTEE (DALEWOOD AREA), HAMILTON-WENTWORTH DISTRICT SCHOOL BOARD • Invited Talk, Speaker	Hamilton, Canada September 14-2011
<b>Spatial analysis: Progress, prospects, and challenges</b> DEPARTMENT OF GEOGRAPHY AND ENVIRONMENTAL MANAGEMENT, UNIVERSITY OF WATERLOO • Invited Talk, Speaker	Waterloo, Canada September 13-2011
<b>Introduction to spatial interaction and modal split analysis</b> UNIVERSIDADE DE SÃO PAULO • Graduate Seminar, Instructor	São Paulo, Brazil August 23-2011
<b>From meso-scale analysis to micro-scale environments: A model-based approach for selecting walkability audit sites</b> LATTICE, UNIVERSIDADE FEDERAL DE PERNAMBUCO • Invited Talk, Speaker	Recife, Brazil August 15-2011
<b>Modeling spatial heterogeneity in multivariate regression analysis</b> UNIVERSIDADE FEDERAL DE PERNAMBUCO • Graduate Seminar, Instructor	Recife, Brazil August 15 to 16-2011

## Applied Spatial Modeling

THE UNIVERSITY OF WESTERN AUSTRALIA BUSINESS SCHOOL

- Seminar, Instructor

Perth, Australia

July 11 to 13-2011

## Rapid Transit: Does it Drive Local Economic Development?

3RD ANNUAL TRANSLOG CONFERENCE

- Panel Session, Panelist

Hamilton, Canada

June 15-2011

## Accessibility measures and the contribution of spatial models

POLYTECHNIQUE MONTRÉAL

- Colloque Annuel de la Chaire Mobilité, Presenter

Montréal, Canada

May 10-2011

## Accesibilidad y actividad comercial: Teoría y métodos

DEPARTMENT OF TRANSPORTATION, UNIVERSIDAD POLITÉCNICA DE MADRID

- Invited Talk, Speaker

Madrid, Spain

April 8-2011

## Movilidad en la tercera edad: Conceptos y evidencia

DEPARTMENT OF TRANSPORTATION, UNIVERSIDAD POLITÉCNICA DE MADRID

- Transport Sustainability Course, Instructor

Madrid, Spain

April 7-2011

## A model-based approach to select case sites for conducting walkability audits

DEPARTMENT DE GENIES CIVIL, GEOLOGIQUE ET DES MINES, ÉCOLE POLYTECHNIQUE MONTRÉAL

- Invited Talk, Speaker

Montréal, Canada

February 25-2011

## From meso-scale analysis to micro-scale environments: A model-based approach for selecting walkability audit sites

SCHOOL OF DESIGN, UNIVERSITY OF PENNSYLVANIA

- Invited Talk, Speaker

Philadelphia, USA

February 15-2011

## On the confluence of social and spatial networks: an example of sense of community among university students

UNIVERSITY OF MANCHESTER

- Workshop Social Network Analysis in Transport, Presenter

Manchester, UK

January 11-2011

## Using the Q statistic to explore segregation patterns of ethnic groups

DEPT. OF ECONOMICS, UNIVERSIDADE FEDERAL DE PERNAMBUCO

- Invited Talk, Speaker

Recife, Brazil

August 26-2010

## Spatial pricing and the analysis of point patterns

UNIVERSIDADE FEDERAL DE PERNAMBUCO

- Graduate Seminar, Instructor

Recife, Brazil

August 24 to 25-2010

## Selected topics in spatial analysis

UNIVERSIDADE DE SÃO PAULO

- Graduate Seminar, Instructor

São Paulo, Brazil

August 12 and 27-2010

## Mobility and social exclusion: analytical framework and state of knowledge

CENTRE FOR HIP HEALTH AND MOBILITY, UNIVERSITY OF BRITISH COLUMBIA

- Symposium "Walk-the-Talk: Linking Research and Community on the Built Environment for Healthy Aging", Keynote Speaker

Vancouver, Canada

April 20-2010

## Riding cars with seniors: Accessibility implications of mode of travel

EDINBURGH COLLEGE OF ART

- UK-Canada Study Tour "The Science of Age-Supportive Environments", Speaker

Edinburgh, UK

March 11-2010

## Mobility in aging: Time geography perspectives

LONDON METROPOLITAN UNIVERSITY

- UK-Canada Study Tour "The Science of Age-Supportive Environments", Speaker

London, UK

March 10-2010

## Mobility and social exclusion: Results of recent research in Canada

TRANSPORT STUDIES UNIT, UNIVERSITY OF OXFORD

- Invited Talk, Speaker

Oxford, UK

March 4-2010

## Social influence and the decision to telework

UNIVERSITY OF NOTTINGHAM

- Workshop Social Network Analysis in Transport, Speaker

Nottingham, UK

March 2-2010

## Demographic aging and sustainable transportation

DEPARTMENT DE GENIES CIVIL, GEOLOGIQUE ET DES MINES, ÉCOLE POLYTECHNIQUE MONTRÉAL

- Invited Talk, Speaker

Montréal, Canada

February 18-2010

<b>Positive and Normative Aspects of Accessibility Measurements</b> INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE-URBANISATION CULTURE SOCIÉTÉ <ul style="list-style-type: none"> <li>Invited Talk, Speaker</li> </ul>	Montréal, Canada February 16-2010
<b>Social Networks and Information and Communication Technology: Implications for Activities in Real and Virtual Spaces</b> 89TH ANNUAL MEETING OF THE TRANSPORTATION RESEARCH BOARD <ul style="list-style-type: none"> <li>Panel Session, Panelist</li> </ul>	Washington, D.C., USA January 13-2010
<b>Selected topics in spatial analysis</b> UNIVERSIDADE DE SÃO PAULO <ul style="list-style-type: none"> <li>Graduate Seminar, Instructor</li> </ul>	São Paulo, Brazil August 18-2009
<b>Networks and behavior</b> INSTITUTO NACIONAL DE PESQUISAS ESPACIAIS <ul style="list-style-type: none"> <li>Invited Talk, Speaker</li> </ul>	São José dos Campos, Brazil August 14-2009
<b>Introducing spatial analysis in transportation research</b> DEPT. OF TRANSPORT ENGINEERING, UNIVERSIDADE SÃO PAULO-SAO CÂRLOS <ul style="list-style-type: none"> <li>Invited Talk, Speaker</li> </ul>	Sao Cãrlos, Brazil August 6-2009
<b>Elección de modos de transporte y planificación de infraestructuras</b> TRANSYT, UNIVERSIDAD POLITÉCNICA DE MADRID <ul style="list-style-type: none"> <li>Graduate Seminar, Instructor</li> </ul>	Madrid, Spain July 15-2009
<b>Publishing in a spatial analysis journal</b> ANNUAL MEETING OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS <ul style="list-style-type: none"> <li>Panel Session, Panelist</li> </ul>	Las Vegas, USA March 22-2009
<b>Análisis espacial y sistemas de transporte, matrimonio de conveniencia o amor a segunda vista?</b> DEPT. OF OF CIVIL ENGINEERING, UNIVERSIDAD DE CONCEPCIÓN <ul style="list-style-type: none"> <li>Invited Talk, Speaker</li> </ul>	Concepción, Chile March 12-2009
<b>Uso de tiempo y exclusión social en Canadá: Una investigación de actividades comerciales y de servicios desde la perspectiva de grupos vulnerables</b> DEPT. OF OF CIVIL ENGINEERING, UNIVERSIDAD DE CONCEPCIÓN <ul style="list-style-type: none"> <li>Invited Talk, Speaker</li> </ul>	Concepción, Chile March 9-2009
<b>Mobility and social exclusion in Canadian communities: An empirical investigation of opportunity access and deprivation from the perspective of vulnerable groups</b> HUMAN RESOURCES AND SOCIAL DEVELOPMENT CANADA <ul style="list-style-type: none"> <li>Presentation of Final Report, Presenter</li> </ul>	Ottawa, Canada February 13-2009
<b>Modeling activity spaces using short term travel surveys</b> SCHOOL OF URBAN PLANNING, MCGILL UNIVERSITY <ul style="list-style-type: none"> <li>Invited Talk, Speaker</li> </ul>	Montréal, Canada February 12-2009
<b>Econometric techniques for urban transport and land use analysis</b> DEPARTMENT DE GENIES CIVIL, GEOLOGIQUE ET DES MINES, ECOLE POLYTECHNIQUE MONTRÉAL <ul style="list-style-type: none"> <li>Short Course, Instructor</li> </ul>	Montréal, Canada February 9 to 12-2009
<b>Social Networks and Travel</b> 88TH ANNUAL MEETING OF THE TRANSPORTATION RESEARCH BOARD <ul style="list-style-type: none"> <li>Panel Session, Panelist</li> </ul>	Washington, D.C., USA January 11-2009
<b>Jobs and the Single Parent: Accessibility Analysis in the City of Toronto</b> FACULTY OF ECONOMICS, ADMINISTRATION, AND ACCOUNTING OF THE UNIVERSIDADE DE SÃO PAULO <ul style="list-style-type: none"> <li>Invited Talk, Speaker</li> </ul>	São Paulo, Brazil October 31-2008
<b>Selected topics in spatial analysis</b> UNIVERSIDADE DE SÃO PAULO <ul style="list-style-type: none"> <li>Short Course, Instructor</li> </ul>	São Paulo, Brazil October 23 and 30-2008
<b>A simulation investigation of weight matrix coding schemes</b> UNIVERSIDAD POLITÉCNICA DE CARTAGENA <ul style="list-style-type: none"> <li>3rd Seminar of Spatial Econometrics Jean Paelinck, Keynote Speaker</li> </ul>	Cartagena, Spain October 10-2008

## **Movilidad Sostenible**

UNIVERSIDAD INTERNACIONAL MENÉNDEZ PELAYO

- Invited Talk, Speaker

*Santander, Spain*

*July 31-2008*

## **Spatial analysis of property prices, a comparison of techniques and heuristics**

INSTITUTE FOR ECONOMIC GEOGRAPHY AND GISCIENCE, VIENNA UNIVERSITY OF ECONOMICS AND BUSINESS ADMINISTRATION

- Invited Talk, Speaker

*Vienna, Austria*

*July 25-2008*

## **Modelos locales: reflexiones sobre su utilidad para análisis inferencial e interpolación espacial**

INSTITUTE LAWRENCE R. KLEIN, UNIVERSIDAD AUTÓNOMA DE MADRID

- Invited Talk, Speaker

*Madrid, Spain*

*July 17-2008*

## **Técnicas econométricas para el análisis de sistemas de transporte y usos de suelo urbano**

DEPARTMENT OF TRANSPORTATION, UNIVERSIDAD POLITÉCNICA DE MADRID

- Graduate Seminar, Instructor

*Madrid, Spain*

*June 23 to 25-2008*

## **Pruebas de hipótesis en estadísticos y modelos espaciales locales**

UNIVERSIDAD POLITÉCNICA DE CARTAGENA

- Invited Talk, Speaker

*Cartagena, Spain*

*June 20-2008*

## **Topología de redes y econometría espacial**

DEPARTMENT OF ECONOMICS, UNIVERSIDAD DE ZARAGOZA

- Invited Talk, Speaker

*Zaragoza, Spain*

*May 23-2008*

## **”Riding in Cars with Seniors” Geographical perspectives on transportation modes and distance traveled by the elderly**

DEPARTMENT OF GEOGRAPHY, UNIVERSITY OF TORONTO IN MISSISSAUGA

- Invited Talk, Speaker

*Mississauga, Spain*

*March 12-2008*

## **Eliciting travel cost information using a web-based data collection tool: Preliminary results from a graduate teaching project**

DEPARTMENT OF CIVIL ENGINEERING, UNIVERSITY OF TORONTO

- Invited Talk, Speaker

*Toronto, Canada*

*November 30-2007*

## **Transportation and spatial analysis: Marriage of convenience or love at second sight?**

DEPARTMENT OF GEOGRAPHY, RYERSON UNIVERSITY

- Invited Talk, Speaker

*Toronto, Canada*

*November 19-2007*

## **Spatial analysis and travel behavior**

DEPARTMENT OF GEOGRAPHY, STATE UNIVERSITY OF NEW YORK AT BUFFALO

- Invited Talk, Speaker

*Buffalo, USA*

*February 23-2007*

## **Networks, social influence, and behavior: Current research and outstanding challenges**

STATE UNIVERSITY OF NEW YORK AT BUFFALO

- Geographic Information Science Integrative Graduate Education and Research Training Program, Presenter

*Buffalo, USA*

*February 23-2007*

## **Integrated Land-use and Transportation Models: Frameworks, Models and Applications**

UNIVERSITY OF TORONTO

- Processus: Second International Colloquium on the Behavioural Foundations of Integrated Land-use and Transportation Models, Discus-sant

*Toronto, Canada*

*June 12 to 15-2005*

## **Spatial effects in hedonic price functions**

CENTRE FOR THE STUDY OF COMMERCIAL ACTIVITY, RYERSON UNIVERSITY

- Invited Talk, Speaker

*Toronto, Canada*

*July 22-2003*

## **Spatial parametric nonstationarity**

WILFRIED LAURIER UNIVERSITY

- Students of Spatial Statistics (SOS2), Speaker

*Waterloo, Canada*

*March 13-2003*

## **Departmental, Faculty, University Service**

## **2022 NSERC CGM-Master Ranking Committee**

MEMBER

## **2021 CPM Committee**

MEMBER

## **2019 CPM Committee**

MEMBER

## **Graduate Committee**

MEMBER

## **2018 CPM Committee**

MEMBER

## **Search Committee Geology Hire**

CHAIR

## **Search Committee Teaching Stream Hire**

CHAIR

## **Teaching Workload Committee**

MEMBER

## **University Librarian Search Committee**

MEMBER

## **Space Committee**

MEMBER

## **Tenure and Promotion Committee**

MEMBER

## **High School and Community Outreach, Publicity Committee**

MEMBER

## **Building safety committee**

MEMBER

## **Space Committee**

MEMBER

## **Publicity Committee**

MEMBER

## **Search Committee Geography Hire**

MEMBER

## **Graduate Committee**

MEMBER

*Faculty of Science, McMaster University*

*September 2021-March 2022*

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

*February 2022-March 2022*

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

*February 2020-March 2020*

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

*July 2019-present*

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

*February 2019-March 2019*

*School of Geography and Earth Sciences, McMaster University*

*June 2018-April 2019*

*School of Geography and Earth Sciences, McMaster University*

*June 2017-May 2018*

*School of Geography and Earth Sciences, McMaster University*

*July 2014-July 2015*

*McMaster University*

*January 2013-July 2013*

*School of Geography and Earth Sciences, McMaster University*

*July 2011-July 2014*

*Faculty of Science, McMaster University*

*July 2010-July 2013*

*School of Geography and Earth Sciences, McMaster University*

*July 2010-July 2011*

*School of Geography and Earth Sciences, McMaster University*

*July 2009-July 2010*

*School of Geography and Earth Sciences, McMaster University*

*July 2007-July 2008*

*School of Geography and Earth Sciences, McMaster University*

*July 2006-July 2008*

*School of Geography and Earth Sciences, McMaster University*

*September 2006-April 2007*

*School of Geography and Earth Sciences, McMaster University*

*July 2003-July 2008*

