


RENATA OLIVEIRA


Professor at the Federal Center for Technological Education of Minas Gerais. Researcher at the PLACES - PLanning for ACcESs research group with a focus on accessibility-oriented planning, Urban Freight Transportation and applied spatial analysis. Member of the Network on Intelligent Urban Mobility and Accessibility Research (NIUMAR) and of the Network for Organizational Studies, Society and Subjectivity (NOSS).

EDUCATION

2011
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2015

- **Doctor of Science (D.Sc.) in Geography**
Catholic University of Minas Gerais (PUCMinas)  Belo Horizonte, Brazil
Thesis: Spatial Analysis of the correlation among the location of grocery retailers, the average income of the population and prices policy: a case study for Belo Horizonte.

2002
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2004

- **Master of Science (M.Sc.) in Transportation Engineering**
Military Institute of Engineering (IME)  Rio de Janeiro, Brazil
Thesis: Neuro-Fuzzy Model for Freight Transport Mode Choice.

2003
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2004


- **Postgraduate diploma (PgDip.) in Railway Engineering**
Vale  Rio de Janeiro, Brazil

1997
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2002

- **Bachelor of Science (B.Sc.) in Civil Engineering**
Federal University of Minas Gerais (UFMG)  Belo Horizonte, Brazil

TEACHING AND RESEARCHER EXPERIENCE







2006
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present

- **Full Professor and researcher**
Federal Center for Technological Education of Minas Gerais -
Department of Applied Social Sciences  Belo Horizonte, Brazil
Activities: Research, student guidance and supervision, teaching, research projects management, academic curricula development and management, administrative activities.
Teaching in technological secondary school, undergraduate courses and graduate programs: Transportation Planning; GIS and spatial analysis; Transport Geography; Data analysis for Business; Supply Chain Management; and Urban Analytics.

CONTACT INFO

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 Belo Horizonte, Brazil
 renataoliveira@gmail.com
 renataoliveira@cefetmg.br
 Education blog
  +55 31 9 8866-2226
 github.com/retaoliveira
 twitter.com/retaoliveira
 Renata Oliveira

SKILLS

 GIS and spatial analysis software (ArcGIS, QGIS, GeoDa, Maptitude, Transcad, Mapinfo)
 Data Analysis and Geocomputation with R
 English as a Medium of Instruction - EMI
 Effective team-working
 Comprehensive understanding of problem-solving and decision making
 Mindful parenting - 2009/2012

LANGUAGES

Portuguese: Native
English: Proficient (C2)
French: Intermediate (B1)

*This resume was made with the
R package **pagedown**.*

Last updated on 2022-01-13.

October
2020
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Jun 2021

● Postdoctoral Researcher at the City Logistics Chair/Laboratoire
Ville, Mobilité, Transport

Université Gustave Eiffel

📍 Marne-la-Vallée, France (remote work)

Research project: *Comparative Analyses of Logistics Activities in Major Cities Around the World with a Focus on Urban Characteristics and Logistics Sprawl*

Aug
2017
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Jul 2021

● Teaching and research fellow

Federal University of Minas Gerais - Graduate program in Geotechnics
and Transportation

📍 Belo Horizonte, Brazil

Activities: Research, student guidance and teaching.

Teaching: transportation planning; transportation geography.

2005
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2006

● Lecturer

Fundação Dom Cabral

📍 Belo Horizonte, Brazil

Activities: Lecturer at the Logistics graduate program.

2005
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2006

● Assistant lecturer

Federal University of Minas Gerais

📍 Belo Horizonte, Brazil

Activities: Teaching rail transportation planning and economic
engineering.

2003
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2005

● Assistant lecturer

Faculdade Novos Horizontes

📍 Belo Horizonte, Brazil

Activities: Teaching in management science courses.

2005
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2006

● Assistant lecturer

Fundação de Ensino Superior de Itabira

📍 Itabira, Brazil

Activities: Teaching in management science courses.



GRADUATE STUDENT SUPERVISION

● Urban impacts of exclusive bus lane in Belo Horizonte, Brazil.

- Graduate: Sofia Chaves Cardoso Eleutério
- Grade: M. Sc.

📍 Brazil

2021

- Impacts of walkability for the elderly on the accessibility to low order urban functions.
 - Graduate: Clarissa Pontes Melo
 - Grade: M. Sc.

2021

📍 Brazil
- Evaluation of accessibility and mobility levels to job opportunities in Belo Horizonte, Brazil.
 - Graduate: André Cunha Libânio
 - Grade: M. Sc.

2020

📍 Brazil
- Economic activities, transport and inequality: Characterization of the accessibility to work in the metropolitan region of Belo Horizonte, Brazil
 - Graduate: Paulo Henrique Góes Pinto
 - Grade: M. Sc.

2020

📍 Brazil
- Freight trip generation models for the agricultural and road machinery industry.
 - Graduate: José Moreira Gonçalves
 - Grade: M. Sc.

2019

📍 Brazil



OTHER PROFESSIONAL EXPERIENCE

Jul 2020
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Jan 2021

- Transportation and Urban Planner

Sustainable Urban Mobility Plan for Paraíso do Tocantins, Brazil
Instituto de Atenção às Cidades - Federal University of Tocantins

📍 Palmas, Tocantins, Brazil

Activities: Urban and transportation network modelling and the development of an accessibility-oriented planning approach for the vision of the city in the long-term.

2003
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2005

- Railway Engineer

Vale

📍 Belo Horizonte, Brazil

Activities: rail transportation planning and data analytics.

2003
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2003

- Consultant

Tectran - Systra

📍 Belo Horizonte, Brazil

Activities: Junior consultant in transportation engineering projects.



MOST RELEVANT SCIENTIFIC PUBLICATIONS (5)

May
2021

- Access to urban activities during the Covid-19 pandemic and impacts on urban mobility: The Brazilian context

Lilian Bracarense and Renata Oliveira

Contribution: Conceptualization of the investigation, Methodology development, Software (survey design, data collection, data wrangling, statistical analysis, visualization), Formal Analysis (data validation, and statistical analysis), Data Curation, Writing (Original Draft, Review and Editing)

Transport Policy

Feb. 2021

- The geography of warehouses in the Sao Paulo Metropolitan Region and contributing factors to this spatial distribution

Leonardo Guerin, Jose Geraldo Vidal Vieira, Renata Oliveira, Leise Kelli Oliveira, Henrique E. M. Vieira and Laetitia Dablanc

Contribution: Conceptualization of the investigation, Methodology development (spatial analysis), Software (data collection, treatment, visualization), Formal Analysis (statistics and spatial analysis), Data Curation, Writing (Original Draft, Review and Editing)

Journal of Transport Geography

Feb. 2021

- A sustainable approach for urban farming based on city logistics concepts for local production and consumption of vegetables

Renata Oliveira, Igor Vieira Santos, Guilherme Fonseca Graciano, Andre Augusto Cunha Libanio, Leise Kelli Oliveira and Lilian dos Santos Fontes Pereira Bracarense

Contribution: Conceptualization of the investigation, Methodology design, Software (data collection, treatment, spatial visualization), Formal Analysis (accessibility measurement and spatial analysis), Resources (management of personnel and relationship with urban producers), Data Curation (jointly with producers), Writing (Original Draft, Review and Editing), Supervision (leading the paper organization and submission)

Research in Transportation Economics

Mar. 2020

- Accessibility to food retailers: The case of Belo Horizonte, Brazil

Renata Oliveira, Camila Garcia and Paulo Pinto

Contribution: Conceptualization of the investigation, Methodology design, Software (data collection, treatment, spatial visualization), Formal Analysis (accessibility measurement and spatial analysis), Resources (management of personnel), Data Curation, Writing (Original Draft, Review and Editing), Supervision (leading the paper organization and submission)

Sustainability (Switzerland)

Jan. 2017

- Analysis of the potential demand of automated delivery stations for e-commerce deliveries in Belo Horizonte, Brazil

Leise de Oliveira, Eleonora Morganti, Laetitia Dablanc and Renata Oliveira



Contribution: Conceptualization of the investigation, Methodology development (spatial analysis), Software (data collection, treatment, visualization), Formal Analysis (statistics and spatial analysis), Data Curation, Writing (Original Draft, Review and Editing)

Research in Transportation Economics



OTHER SCIENTIFIC PUBLICATIONS (12)

Dec. 2021	<ul style="list-style-type: none">Os Impactos do COVID-19 no Consumo de Bens Basicos e suas Implicacoes na Gestao da Logistica Urbana Yasmin Fidelix, Jose Vieira, <u>Renata Oliveira</u>, Ricardo Mergulhao and Joao Silva	<i>Revista Brasileira de Transportes</i>
Mar. 2021	<ul style="list-style-type: none">Avaliacao Estrategica do Acesso a Oportunidades de Trabalho em Belo Horizonte <u>Renata Oliveira</u>, Andre Libanio, Camila Garcia, Lucelia Raad, Lilian Bracarense and Andre Lopes	<i>Revista Brasileira de Transportes</i>
Feb. 2021	<ul style="list-style-type: none">Freight villages and urban goods distribution: perspectives of freight transport operators, experts, and policymakers from multi-criteria decision analysis Beatriz Senna, Lilian Bracarense, Leise Oliveira and <u>Renata Oliveira</u>	<i>World Review of Intermodal Transportation Research</i>
Dec. 2020	<ul style="list-style-type: none">Freight trip generation to buildings under construction: a comparative analysis with linear regression and generalised linear regression Leise Oliveira, Rafael Taglia Heredia, Bruno Bertoncini and <u>Renata Oliveira</u>	<i>Transportes</i>
Jun. 2020	<ul style="list-style-type: none">An analysis of the effects on rail operational efficiency due to a merger between Brazilian rail companies: The case of rumo-all Francisco Gildemir Ferreira da Silva, <u>Renata Oliveira</u> and Marin Marinov	<i>Sustainability (Switzerland)</i>
Apr. 2020	<ul style="list-style-type: none">Retailers and carriers' viewpoint on Sorocaba's city logistics: a spatial analysis Thales Furquim, <u>Renata Oliveira</u> and Jose Geraldo Vidal Vieira	<i>Urbe</i>
Oct. 2019	<ul style="list-style-type: none">Analysis of accessibility from collection and delivery points: Towards the sustainability of the e-commerce delivery Leise Oliveira, <u>Renata Oliveira</u>, Luisa Sousa, Ian Caliari and Carla Nascimento	<i>Urbe</i>
Jun. 2019	<ul style="list-style-type: none">Relacoes Espaciais e a Atratividade Territorial dos Lugares Centrais em Belo Horizonte, Brasil Daniela Lessa, Paulo Pinto, Leise Oliveira, <u>Renata Oliveira</u>, Carlos Lobo, Tereza Barros, Renata Moura, Julio Mercier, Erlaine Queiroz and Iara Alves de Souza	<i>Revista Portuguesa de Estudos Regionais</i>
Mar. 2019	<ul style="list-style-type: none">Challenges to urban freight transport in historical cities: A case study for Sabara (Brazil) Leise Oliveira, Artur Macedo, Julio Sampaio, Tiago Oliveira, <u>Renata Oliveira</u> and Jose Vieira	<i>Transportation Research Procedia</i>

May 2018	<ul style="list-style-type: none"> Is the Location of Warehouses Changing in the Belo Horizonte Metropolitan Area (Brazil)? A Logistics Sprawl Analysis in a Latin American Context <p>Leise Oliveira, Odirley Santos, Renata Oliveira and Rodrigo Nobrega</p>	<i>Urban Science</i>
Apr. 2018	<ul style="list-style-type: none"> An overview of problems and solutions for urban freight transport in Brazilian cities <p>Leise Oliveira, Betty Barraza, Bruno Bertocini, Cassiano Isler, Danubia Pires, Ellen Madalon, Jessica Lima, Jose Vieira, Leonardo Meira, Lilian Bracarense, Renata Bandeira, Renata Oliveira and Suellem Ferreira</p>	<i>Sustainability (Switzerland)</i>
Dec. 2017	<ul style="list-style-type: none"> Análise do espraiamento logístico: um estudo para a região metropolitana de Belo Horizonte <p>Leise Oliveira, Odirley Santos, Renata Oliveira, Laetitia Dabanc and Rodrigo Nobrega</p>	<i>Transportes</i>
	BOOKS (1)	
Apr. 2019	<ul style="list-style-type: none"> A logística urbana no Brasil: A inserção do transporte urbano de mercadorias nas políticas públicas <p>Leise Oliveira, Carla Nascimento, Paulo Pinto, Odirley Santos, Lilian Bracarense, Renata Oliveira, Sideney Schreiner, Bruno Bertocini and Yaeko Yamashita</p>	
	BOOK CHAPTERS (4)	
Jun. 2018	<ul style="list-style-type: none"> Viewpoint of Industries, Retailers and Carriers about Urban Freight Transport: Solutions, Challenges and Practices in Brazil <p>Leise Kelli Oliveira, Paulo Renato Sousa, Paulo Tarso Resende, Rafael Barroso Oliveira and Renata Oliveira</p>	<i>City Logistics 1</i>
Jun. 2018	<ul style="list-style-type: none"> Logistics Sprawl Assessment Applied to Locational Planning: A Case Study in Palmas (Brazil) <p>Lilian Bracarense, Thiago Alvares Assis, Leise Kelli Oliveira and Renata Oliveira</p>	<i>City Logistics 2</i>
Jun. 2018	<ul style="list-style-type: none"> Urban Distribution of Craft-Brewed Beer in the Belo Horizonte Metropolitan Area <p>Renata Oliveira, Patrick Mendes Santos, Jonathan Reith, Julia Almeida Costa and Leise Kelli Oliveira</p>	<i>City Logistics 3</i>
Sep. 2017	<ul style="list-style-type: none"> Transshipment station for urban solid waste: an analysis considering city logistics concepts <p>Leise Kelli Oliveira, Renata Oliveira and Lilian Rueda</p>	<i>The Sustainable City XII</i>



RESEARCH PROJECTS IN COLLABORATION

2016
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present

- **Characterization of the Logistics Sprawl and respective impacts on metropolitan areas**
PLACES research group
Federal Center for Technological Education of Minas Gerais
City Logistics Chair - Université Gustave Eiffel Federal University of Minas Gerais
Federal University of São Carlos - Sorocaba, São Paulo
📍 Belo Horizonte, Brazil

2019
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present

- **Accessibility and mobility planning for sustainable and equitable cities**
PLACES research group and NIUMAR (Network on Intelligent Urban Mobility and Accessibility Research)
Instituto Superior Técnico - Universidade de Lisboa
Federal University of Ceará
Aston University
Federal Center for Technological Education of Minas Gerais
Federal University of Pernambuco
Universidade de São Paulo
Universidade de Fortaleza
📍 Belo Horizonte, Brazil

2017
|
present

- **Urban Logistics Challenges and Opportunities**
Translog City research group
Federal Center for Technological Education of Minas Gerais
Federal University of Minas Gerais
Federal University of Tocantins
Federal University of São Carlos - Sorocaba, São Paulo
📍 Belo Horizonte, Brazil

2017
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2019

- **Urban Horticulture as a city logistics solution**
Federal Center for Technological Education of Minas Gerais - Translog City research group
📍 Belo Horizonte, Brazil



FUNDING AND PRIZES

2022-
2025

- **Productivity research grant - CNPq**
National Council for Scientific and Technological Research
📍 Brasília, Brazil

Grant number: 314045/2021-0

2019
|
2022

- **Productivity research grant - CNPq**
National Council for Scientific and Technological Research
📍 Brasília, Brazil

Grant number: 312750/2018-8

- 2018 ● One of the best Papers presented at PLURIS 2018
Publication in Revista Portuguesa de Estudos Regionais as a prize for being among the 12 best papers presented in PLURIS 2018 (Congresso Luso-Brasileiro para o Planeamento Urbano, Regional, Integrado e Sustentável).
📍 Lisbon, Portugal
- Since 2003 ● Honored lecturer
Honored lecturer for nine years in the different educational institutions.
📍 Belo Horizonte, Brazil

🗣️ NATIONAL EVENTS ORGANIZED

- 2018 ● First Brazilian City Logistics Forum
First Forum for discussion of public policy concerning the urban distribution of goods in Brazilian cities.
📍 Belo Horizonte, Brazil

✍️ JOURNAL REVIEWER

- 2017
|
Current ● TRANSPORTES
ISSN: 2237-1346
📍 Brazil
- 2018
|
Current ● IEEE Access
ISSN: 2169-3536
📍 International
- 2019
|
Current ● Sustainable Cities and Society
ISSN: 2210-6707
📍 International
- 2019
|
Current ● Research in Transportation Economics
ISSN: 0739-8859
📍 International
- 2019
|
Current ● Transportation Research Record
ISSN: 2169-4052
📍 International
- 2020
|
Current ● Urban Rail Transit
ISSN: 2199-6679
📍 International
- 2015
|
Current ● Caderno de Geografia
ISSN: 2318-2962
📍 International
- 2021
|
Current ● Transport Policy
ISSN: 0967-070X
📍 International
- 2021
|
Current ● URBE - Revista Brasileira de Gestão Urbana
ISSN: 2175-3369
📍 International

2021
|
Current

● Journal of Transport Geography
ISSN: 0966-6923

📍 International



PERSONAL AND PROFESSIONAL REFERENCES

- Carlos Felipe Grangeiro Loureiro: + 55 85 98677-0711 – felipe@det.ufc.br
- Lucélia Viviane Vaz Raad: + 55 31 99700-0137 – lucelia@cefetmg.br
- Lilian dos Santos F. P. Bracarense: + 55 63 99944-7472 - lilianfontes@mail.uft.edu.br