

CURRICULUM VITAE

EDUARDO AMARAL HADDAD

Departamento de Economia – FEA-USP
Av. Prof. Luciano Gualberto, 908 – FEA 1
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CURRENT POSITION

Department of Economics, University of Sao Paulo – Full Professor (since 2008)

OTHER ACADEMIC APPOINTMENTS

Regional Economics Applications Laboratory at the University of Illinois at Urbana Champaign, REAL/UIUC, Research Affiliate (since 1998)

Institute of Economic Research Foundation, FIPE – Research Staff (since 1999)

The University of Sao Paulo Regional and Urban Economics Lab – Director (since 2002)

Policy Center for the New South (OCP Policy Center), Rabat, Morocco – Non Resident Fellow (since 2015)

Regional Science Association International, RSAI, LACRSAI Representative, Councilor (since 2017)

Brazilian Network for Global Climate Change Research, Rede CLIMA – Sub-network Coordinator, “Economics” (since 2007)

National Institute of Science and Technology for Climate Change – Phase 2 – Research Project Coordinator, “The Economics of Climate Change” (since 2017)

Brazilian Panel of Climate Change, PBMC – Lead Author, Working Group 2 (since 2010)

Interdisciplinary Climate Investigation Center, University of Sao Paulo – Subproject Coordinator, “The Economics of Climate Change” (since 2012)

Papers in Regional Science – Co-Editor (since 2019)

Regional Science Policy and Practice – Co-Editor (since 2017)

Asia-Pacific Journal of Regional Science – Associate Editor (since 2016)

Journal of Global Economic Analysis – Member of the Editorial Advisory Board (since 2015)

REGION, the Journal of the European Regional Science Association – Member of the Editorial Board (since 2014)

Jahrbuch für Regionalwissenschaft / Review of Regional Research – Member of the Editorial Board (since 2013)

Revista Portuguesa de Estudos Regionais – Member of the Editorial Board (since 2012)

Journal of Social and Economic Statistics – Member of the Editorial Board (since 2012)

Revista Brasileira de Estudos Regionais e Urbanos / Brazilian Review of Regional Studies – Member of the Editorial Board (since 2006)

Member of the Board of Trustees of the Institute of Economic Research Foundation, FIPE (since 2015)

President of the Administration Committee of the Ryoichi Sasakawa Young Leaders Fellowship Fund (Sylff), University of São Paulo (since 2016)

EDUCATION

Post-Doctoral Studies – International Economics Section (IES), Department of Economics, Princeton University – Jan 2014 to Jun 2015

Post-Doctoral Studies – Edward J. Bloustein School of Planning & Public Policy, Rutgers, The State University of New Jersey – Jan 2014 to Jun 2015

“Livre-Docência” (Habilitation) – Department of Economics, University of São Paulo – 2004
 Post-Doctoral Studies – Centre for Brazilian Studies, Oxford University – Jan to Dec 1998
 Ph.D. – Department of Economics, University of Illinois at Urbana-Champaign – 1997
 M.A. – Department of Economics, University of Illinois at Urbana-Champaign – 1994
 Bacharel (B.A.) – Department of Economics, Federal University of Minas Gerais – 1993

M.A. Thesis: “The Economic Structure of Minas Gerais: An Input-Output Approach” (Advisor: Prof. Werner Baer)

Ph.D. Dissertation: “Regional Inequality and Structural Change: Lessons from the Brazilian Economy” (Advisor: Prof. Geoffrey J. D. Hewings)

Habilitation Thesis: “Increasing Returns, Transportation Costs and Regional Growth” (in Portuguese)

Postgraduate Certificate in The Classical Mediterranean (Distance Learning) – Department of Archaeology and Ancient History, University of Leicester – 2019

Monash Model Course – Centre of Policy Studies and the Impact Project – Monash University, Melbourne, Australia (November 27-December 6, 1996)

PREVIOUS POSITIONS

Department of Economics, University of São Paulo – Chair (2017-2018)

Department of Economics, University of São Paulo – Elected Associate Chair (2016-2017)

Department of Economics (IES), Princeton University – Guest Professor (2014-2015)

Edward J. Bloustein School of Planning & Public Policy, Rutgers, The State University of New Jersey, Visiting Professor (2014-2015)

Department of Economics, University of Illinois at Urbana-Champaign, Research Assistant (1993-1994)

Regional Economics Applications Laboratory at the University of Illinois at Urbana-Champaign, REAL/UIUC, Research/Teaching Assistant (1994-1997)

Inter-American Development Bank – Intern (Summer 1995)

Inter-American Development Bank – Consultant (Summer 1996)

Centre for Brazilian Studies, Oxford University – Visiting Research Associate (1998)

School of Geography, Oxford University – Visiting Academic Staff (1998)

Department of Economics, University of Sao Paulo – Visiting Professor (1999-2001)

Department of Economics, University of Sao Paulo – Assistant Professor (2001-2004)

Institute of Economic Research Foundation, FIPE – Associate Director of Research (2001-2005)

Department of Economics, University of Sao Paulo – Associate Professor (2004-2008)

Institute of Economic Research Foundation, FIPE – Director of Research (2005-2013)

Member of the Board of Trustees of the FEAUSP Endowment Fund, University of São Paulo (2017-2018)

Alternate Member of the University of São Paulo Senate – Elected Representative of the School of Economics, Business and Accounting of the University of Sao Paulo – FEAUSP (2016-2018)

Alternate Member of the Board of Trustees of the SEADE Foundation – Representative of the University of Sao Paulo appointed by the Governor of the State of Sao Paulo (2005-2016)

National Institute of Science and Technology for Climate Change – Research Project Coordinator, “The Economics of Climate Change” (2009-2016)

Regional Science Association International, RSAI, Councilor (2009-2014)

Regional Science Association of the Americas, RSAmericas, Past President and Councilor (2011-2014)

Regional Science Association of the Americas, RSAmericas, First President (2008-2010)

Brazilian Regional Science Association, ABER, President (2008-2010) and Member of the Board of Directors (2006-2012)

Letters in Spatial and Resource Sciences – Member of the Editorial Board (2013-2017)

Papers in Regional Science – Member of the Editorial Board (2001-2011; 2015-2018)

Papers in Regional Science – Book Review Editor (2013-2015)

LANGUAGES

Portuguese (native speaker)
 Fluent in English
 Advanced knowledge in Spanish and Italian
 Intermediate knowledge in French, German and Modern Greek
 Basic knowledge in Arabic (Lebanese)

*RESEARCH**Journal Articles*

- Mobility in Cities: Distributional Impact Analysis of Transportation Improvement in São Paulo Metropolitan Region Regional (with Nancy Lozano-Gracia, Eduardo Germani, Renato Vieira, Shohei Nakamura, Emmanuel Skoufias and Bianca Alves), *Transport Policy*, v. 73, pp. 125-142, 2019.
- Modelagem do uso da Terra e Efeitos de Mudanças na Produtividade Agrícola entre 2008 e 2015 (with Weslem R. Faria), *Estudos Econômicos*, v.49, n.1, p.65-103, 2019
- Matriz Insumo-Producto Interregional para Colombia (with Luis Galvis, Weslem Faria and Lucas Hahn), *Revista de Economía del Caribe*, n. 21, pp. 1-26, 2018.
- Modeling Land Use and the Effects of Climate Change in Brazil (with Weslem R. Faria), *Climate Change Economics*, v. 8, n. 1, 1750002 (37 pages), 2017.
- From Rivers to Roads: Spatial Mismatch and Inequality of Opportunity in Urban Labor Markets of a Megacity (with Ana Maria Bonomi Barufi), *Habitat International*, v. 68, pp. 3-14, 2017.
- Accessibility, Transportation Cost, and Regional Growth: A Case Study for Egypt (with Dina N. Elshahawany and Michael Lahr), *Middle East Development Journal*, v. 9, n. 2, pp. 256-277, 2017.
- Scholarly Collaboration in Regional Science in Developing Countries: The Case of the Brazilian REAL Network (with Jesús Mena-Chalco and Otávio J. G. Sidone), *International Regional Science Review*, v. 40, n. 5, pp. 500-529, 2017.
- Spatial Mismatch, Wages and Unemployment in Metropolitan Areas in Brazil (with Ana Maria Bonomi Barufi), *REGION*, v. 4, n. 3, pp.175-200, 2017.
- Scholarly Publication and Collaboration in Brazil: The Role of Geography (with Otávio J. G. Sidone and Jesús Mena-Chalco), *Journal of the Association for Information Science and Technology*, v. 68, n. 1, pp. 243-258, 2017.
- Produção Científica e Redes de Colaboração dos Docentes Vinculados aos Programas de Pós-Graduação em Economia no Brasil (with Jesús Mena-Chalco and Otávio J. G. Sidone), *Estudos Econômicos*, v. 47, n. 4, pp. 617-679, 2017.
- Matriz Interestadual de Insumo-Produto para o Brasil: Uma Aplicação do Método IIOAS (with Gonçalves Júnior and Nascimento). *Revista Brasileira de Estudos Regionais e Urbanos (RBERU)*, v. 11, n. 4, pp. 424-446, 2017.
- Industrial Scope of Agglomeration Economies in Brazil (with Ana Maria Bonomi Barufi and Peter Nijkamp), *Annals of Regional Science*, v. 56, n. 3, pp. 707-755, 2016.
- Spatial Propagation of the Economic Impacts of Bombing: The Case of the 2006 War in Lebanon, (with Yasuhide Okuyama), *Review of Middle East Economics and Finance*, v. 12, n. 3, pp. 225-256, 2016.
- Regional Analysis of Domestic Integration in Egypt (with Michael Lahr, Dina N. Elshahawany and Moises Vassallo), *Journal of Economic Structures*, 5:25, 2016.
- A Ciência nas Regiões Brasileiras: Evolução da Produção e das Redes de Colaboração Científica (1992-2009) (with Otávio J. G. Sidone and Jesús Mena-Chalco), *Transinformação*, v. 28, n. 1, pp. 15-32, 2016.

- Consumo de Energia Elétrica das Exportações Brasileiras: Uma Análise Sistêmica por Área de Concessão de Distribuição (with Maria Carolina Marques), *Pesquisa e Planejamento Econômico*, v. 46, n. 3, pp. 147-194, 2016.
- Avaliação dos Impactos Espaciais do Sistema Viário Oeste – Bahia: Uma Abordagem a Partir da Modelagem de Equilíbrio Geral Computável (with Rodrigo Calabrich), *Revista Brasileira de Economia de Empresas*, v. 16, n. 2, pp. 25-47, 2016.
- The Underground Economy: Tracking the Wider Impacts of the São Paulo Subway System (with Geoffrey J. D. Hewings, Alexandre A. Porsse, Eveline S. Van Leeuwen, and Renato S. Vieira), *Transportation Research Part A: Policy and Practice*, v. 73, pp. 18-30, 2015.
- Economic Impacts of Natural Disasters in Megacities: The Case of Floods in São Paulo, Brazil (with Eliane Teixeira), *Habitat International*, v. 45, part 2, pp. 106-113, 2015.
- Mobilidade, Acessibilidade e Produtividade em Sistemas Metropolitanos: Nota sobre a Valoração Econômica do Tempo de Viagem na Região Metropolitana de São Paulo (with Renato S. Vieira), *Revista de Economia Contemporânea*, v. 19, n. 3, pp. 343-365, 2015.
- Economic Impacts of Natural Resources on a Regional Economy: The Case of the Pre-Salt Oil Discoveries in Espírito Santo, Brazil (with Ana Caroluina Giuberti), *Economy of Region, Russia*, v. 1, pp. 111-124, 2014.
- Export Performance of Brazilian States to Mercosul and Non-Mercosul Partners (with Flávio V. Vieira and Carlos R. Azzoni), *Latin American Business Review*, v. 15, pp. 253-267, 2014.
- Typology of Propagation of Technology and Social Preferences in the Process of Economic Development: An Input-Output Approach (with Weslem R. Faria and Joaquim J. M. Guilhoto), *Journal of Economic Studies*, v. 41, pp. 569-585, 2014.
- Spatial Perspectives of Increasing Freeness of Trade in Lebanon, *The Annals of Regional Science*, v. 53, n. 1, pp. 29-54, 2014.
- Trade and Interdependence in Lebanon: An Interregional Input-Output Perspective, *Journal of Development and Economic Policies*, v. 16, pp. 5-45, 2014.
- Climate Change in Lebanon: Higher-order Regional Impacts from Agriculture (with Nadim Farajalla, Marina Camargo, Ricardo L. Lopes and Flávio V. Vieira), *REGION*, v. 1, n. 1, pp. 9-24, 2014.
- Mapping Potential Economic Losses from Flood Points in the Municipality of São Paulo, 2008-2012 (with Eliane Teixeira), *Ambiente & Sociedade*, v. 17, n. 4, pp. 77-94, 2014.
- Mensuração dos Efeitos de Mudanças Climáticas na Bahia (with Weslem R. Faria), *Bahia Analise & Dados*, v. 24, pp. 25-38, 2014.
- Domestic Tourism and Regional Inequality in Brazil (with Alexandre A. Porsse and Wilson Rabahy), *Tourism Economics*, v.19, pp. 173-186, 2013.
- Regional Economic Impacts of Climate Anomalies in Brazil (with Alexandre A. Porsse and Paula C. Pereda), *Revista Brasileira de Estudos Regionais e Urbanos*, v. 7, n. 2, pp. 19-33, 2013.
- Energy Policy and Regional Inequalities in the Brazilian Economy (with Gervásio F. dos Santos and Geoffrey J. D. Hewings), *Energy Economics*, v.36, pp. 241-255, 2012.
- Fragmentação Geopolítica: Uma Análise Estrutural das Propostas de Separatismo no Brasil (with Amir B. Ferreira-Neto and Fernando S. Perobelli), *Economia Aplicada*, v.16, pp.531-566, 2012.
- Infant Mortality in Brazil, 1980-2000: A Spatial Panel Data Analysis (with Ana M. Barufi and Antonio Paez), *BMC Public Health (Online)*, 12:181, 2012.
- Assessing the Ex-ante Economic Impacts of Transportation Infrastructure Policies in Brazil (with Fernando S. Perobelli, Edson P. Domingues and Maurício Aguiar), *Journal of Development Effectiveness*, v.3, pp.44-61, 2011.
- Regional Integration in Colombia: A Spatial CGE Application (with Ana M. Barufi and Silvio M Costa), *Scienze Regionali / Italian Journal of Regional Science*, v.10, pp. 5-30, 2011.

- Estrutura de Interdependência Inter-regional no Brasil: Uma Análise Espacial de Insumo-Produto para o Período 1996 e 2002 (with Fernando S. Perobelli, G. P. Motta and R. A. Farinazzo). *Pesquisa e Planejamento Econômico*, v.40, pp.281-325, 2010.
- Major Sport Events and Regional Development: The Case of the Rio de Janeiro 2016 Olympic Games (with Paulo R. Haddad). *Regional Science Policy and Practice*, v.2, pp.79-95, 2010.
- Regional Effects of Port Infrastructure: A Spatial CGE Application to Brazil (with Geoffrey J. D. Hewings, Fernando S. Perobelli and Raul A. C. dos Santos). *International Regional Science Review*, v.33, pp.239-263, 2010.
- Structural Interdependence Among Colombian Departments (with Fernando S. Perobelli, Jaime Bonet and Geoffrey J. D. Hewings). *Economic Systems Research*, v.22, pp.279-300, 2010.
- Transport-Regional Equity Issue Revisited (with Eduardo S. de Almeida and Geoffrey J. D. Hewings). *Regional Studies*, v.44, pp.1387-1400, 2010.
- Commodity Price Changes and Their Impacts on Poverty in Developing Countries: The Brazilian Case (with Carlos R. Azzoni, Joaquim J. M. Guilhoto, Fernando G. Silveira, Tatiane Menezes and Marcos Hazegawa). *Chiikigaku Kenkyu / Studies in Regional Science*, v.39, pp.131-147, 2009.
- On The Effects of Scale Economies and Import Barriers on Brazilian Trade Performance and Growth: An Interstate CGE Analysis (with Lucas Ferraz). *Chiikigaku Kenkyu / Studies in Regional Science*, v.39, pp.53-65, 2009.
- Handling Market Imperfections in a Spatial Economy: Some Experimental Results II (with Geoffrey J. D. Hewings). *Ensayos sobre Política Económica*, v.27, pp.142-193, 2009.
- Spatial Aspects of Trade Liberalization in Colombia: A General Equilibrium Approach (with Jaime Bonet, Geoffrey J. D. Hewings and Fernando S. Perobelli). *Papers in Regional Science*, v.88, pp.699-732, 2009.
- Avaliação dos Impactos Econômicos das Políticas de Infraestrutura de Transportes no Brasil: Uma Aplicação a duas Rodovias Federais em Minas Gerais (with Fernando S. Perobelli, Edson P. Domingues and Maurício Aguiar). *Cadernos BDMG*. v.16, pp.29-72, 2008.
- Competição Tributária Regional no Brasil: Análise com um Modelo EGC Inter-regional (with Alexandre A. Porsse and Eduardo P. Ribeiro). *Pesquisa e Planejamento Econômico*, v.38, pp.351-387, 2008.
- Efeitos Regionais da Política Monetária no Brasil: Impactos e Transbordamentos Espaciais (with Marinho Bertanha). *Revista Brasileira de Economia*, v.62, pp.3-29, 2008.
- Integração de Modelos Econométrico e de Insumo-Produto para Previsões de Longo Prazo da Demanda de Energia no Brasil (with Rogério S. Mattos, Fernando S. Perobelli and Weslem R. Faria). *Estudos Econômicos*, v.38, pp.675-699, 2008.
- Sensitivity Analysis in Applied General Equilibrium Models: An Empirical Assessment for MERCOSUR Free Trade Areas Agreements (with Edson P. Domingues and Geoffrey J. D. Hewings). *The Quarterly Review of Economics and Finance*, v.48, pp.287-306, 2008.
- Analytically Important Transportation Links: A Field of Influence Approach to CGE Models (with Geoffrey J. D. Hewings). *Revista Brasileira de Estudos Regionais e Urbanos*, v.1, pp.63-84, 2007.
- Building-up Influence: Post-war Industrialization in the State of Minas Gerais, Brazil (with Geoffrey J. D. Hewings, Fernanda L. L. Leon and Raul C. Santos). *Brazilian Journal of Political Economy*, v.27, pp.281-300, 2007.
- Uma Análise de Insumo-Produto da Distribuição Interestadual da Renda no Brasil (with Raul A. C. dos Santos). *Economia*, v.8, pp.121-138, 2007.
- Economic Effects of Regional Tax Incentives: A General Equilibrium Approach (with Alexandre A. Porsse and Eduardo P. Ribeiro). *Latin American Business Review*, v.7, pp. 195-216, 2007.

- Fiscal Incentive and Regional Development Projects: Mercedes-Benz at Juiz de Fora (MG) – Brazil 1996/1999 (with Fernando S. Perobelli, Suzana Bastos and Edgard A. Pimentel). *Latin American Business Review*, v.7, pp. 46-75, 2007.
- Structural Change in the Brazilian Automotive Industry and its Regional Impacts (with Edmund Amann, Fernando S. Perobelli and Joaquim J. M. Guilhoto). *Latin American Business Review*, v.7, pp. 97-119, 2007.
- Complementaridade e Competição Regional: Uma Proposta Metodológica de Desagregação Espacial de Projeções Nacionais (with Alexandre S. Andrade, Edgar A. Pitoli and Fernando S. Postali). *Revista Econômica do Nordeste*, v.37, pp. 329-338, 2006.
- Exportações Internacionais e Interações Regionais: Uma Análise de Equilíbrio Geral (with Fernando S. Perobelli). *Estudos Econômicos*, v.36, pp.833-866, 2006.
- Impactos Setoriais e Regionais da ALCA: Projeções para a Economia Brasileira (with Edson P. Domingues). *Pesquisa e Planejamento Econômico*, v.36, p.255-287, 2006.
- Interdependência entre os Estados Brasileiros: Uma Análise de Insumo-Produto (with Fernando S. Perobelli and Edson P. Domingues). *Economia*, v.7, pp.123-142, 2006.
- Padrões de Comércio Interestadual no Brasil, 1985 e 1997 (with Fernando S. Perobelli). *Revista de Economia Contemporânea*, v.10, pp.61-88, 2006.
- Transporte, Eficiência e Desigualdade Regional: Avaliação com um Modelo CGE para o Brasil. *Pesquisa e Planejamento Econômico*, v.36, pp.413-448, 2006.
- Brazil-Argentina Trade and its Impacts on Brazilian States (with Edson P. Domingues and Fernando S. Perobelli). *Investigaciones Regionales*, v.7, pp.113-137, 2005.
- Inserção Econômica de Minas Gerais: Uma Análise Estrutural (with Fernando S. Perobelli and Raul A. C. dos Santos). *Nova Economia*, v.15, pp.63-90, 2005.
- Market Imperfections in a Spatial Economy: Some Experimental Results (with Geoffrey J. D. Hewings). *The Quarterly Review of Economics and Finance*, v.45, pp.476-496, 2005.
- Mercado Imobiliário e Amenidades: A View Through the Window (with Bruno Hermann). *Estudos Econômicos*, v.35, pp.237-269, 2005.
- Regional Absorption of Terms of Trade Shocks (with Fernando S. Perobelli). *Ensaio FEE*, v.26, pp. 729-754, 2005.
- Sensitivity Analysis in Computable General Equilibrium Models: An Application for the Regional Effects of the Free Trade Area of the Americas (FTAA) (with Edson P. Domingues). *Brazilian Review of Econometrics*, v.25, pp. 115-137, 2005.
- The Spatial Pattern of Crime in Minas Gerais: An Exploratory Analysis (with Eduardo S. de Almeida and Geoffrey G. D. Hewings). *Revista de Economia Aplicada*, v.9, pp. 1-17, 2005.
- Impactos Econômicos do Grande Prêmio Brasil de Fórmula 1 (with Decio Kadota and Wilson Rabahy). *Turismo em Análise*, v.15, pp. 228-249, 2004.
- Interdependência Espacial das Exportações Brasileiras: Repercussões sobre o Mercado de Trabalho (with José P. Chahad and Antonio E. Comune). *Pesquisa e Planejamento Econômico*, v.31, pp. 93-122, 2004.
- MEECA: Um Modelo Econométrico Espacial para Projeção Consistente de Culturas Agropecuárias (with Eduardo S. de Almeida). *Revista de Economia e Sociologia Rural*, v.42, pp.507-527, 2004.
- Política Tributária e Re-localização (with Edson P. Domingues). *Revista Brasileira de Economia*, v.57, pp. 849-871, 2003.
- Macroeconomia dos Estados e Matriz Interestadual de Insumo-Produto (with Carlos R. Azzoni, Edson P. Domingues and Fernando S. Perobelli). *Revista de Economia Aplicada*, v.6, pp.875-895, 2002.
- Regional Effects of Economic Integration: The Case of Brazil (with Edson P. Domingues and Fernando S. Perobelli). *Journal of Policy Modeling*, v. 24, pp. 453-482, 2002.

- Structural Changes in the Brazilian Interregional Economic System 1985-1997: Holistic Matrix Interpretation (with Edson P. Domingues, Geoffrey J. D. Hewings and Fernando S. Perobelli). *Australasian Journal of Regional Studies*, v.8, pp. 21-44, 2002.
- EFES - Um Modelo Aplicado de Equilíbrio Geral para a Economia Brasileira: Projeções Setoriais para 1999-2004 (with Edson P. Domingues). *Estudos Econômicos*, v.31, pp. 89-125, 2001.
- Impactos das Exportações sobre a Estrutura Setorial e de Qualificação do Emprego no Brasil (with Edson P. Domingues and Fernanda F. F. Leon). *Economia*, v.2, pp. 259-290, 2001.
- Linkages and Interdependence in the Brazilian Economy: An Evaluation of the Interregional Input-Output System, 1985 (with Geoffrey J. D. Hewings). *Revista Econômica do Nordeste*, v.31, pp.330-367, 2000.
- The Short-Run Regional Effects of New Investments and Technological Upgrade in the Brazilian Automobile Industry: An Interregional Computable General Equilibrium Analysis (with Geoffrey J. D. Hewings). *Oxford Development Studies*, v.27, pp.359-383, 1999.
- The Spatial Formation of the Brazilian Economy: Historical Overview and Future Trends (with Geoffrey J. D. Hewings and Werner Baer). *Geographia Polonica.* , v.72, PP. 89-106, 1999.
- Trade and Interdependence in the Economic Growth Process: A Multiplier Analysis for Latin America (with Geoffrey J. D. Hewings and Michael Sonis). *Revista de Economia Aplicada*, v.3, pp. 205-237, 1999.
- The Regional Impact of Neo-Liberal Policies in Brazil (with Werner Baer and Geoffrey J. D. Hewings). *Revista de Economia Aplicada*, v.2, pp. 219-242, 1998.
- The Structure of the Jakarta Metropolitan Economy (with Bambang Brodjonegoro and Geoffrey J. D. Hewings), *Ekonomi dan Keuangan Indonesia / Economics and Finance in Indonesia*, v. 47, pp. 79-98, 1998.
- Distribuição de Renda, Estrutura de Demanda Regional e Emprego Industrial: O Caso Brasileiro na Década de 1960 (with Werner Baer). *Reúna – Revista de Economia da Una*, 1997.
- A Typology of Propagation of Changes on the Structure of a Multiregional Economic System: The Case of the European Union, 1975-1985 (with Michael Sonis and Geoffrey J. D. Hewings). *The Annals of Regional Science*, v.30, pp. 391-408, 1996.
- A Estrutura Econômica de Minas Gerais: Uma Análise de Insumo-Produto. *Nova Economia*, VIII Prêmio Minas de Economia, 1995.

Monographs

- Modelos Operacionais em Economia Regional* (with Pedro N. Ramos and Eduardo A. Castro), Cascais: Princípia, ISBN 9789898131829, pp. 558, 2011.
- Matriz de Insumo-Produto do Nordeste e Estados: Metodologia e Resultados* (with Joaquim J. M. Guilhoto, Carlos R. Azzoni, Silvio Ichihara and Décio K. Kadota), Fortaleza: Banco do Nordeste do Brasil, ISBN 9788577911103, pp. 290, 2010.
- Proceedings of the EcoMod2007 Conference held in Sao Paulo, Brazil, on July 11-13, 2007* (with Ali Bayar), Florence, MA: EcoMod Press, ISBN 0976329506, 2007.
- Macroeconomia do Nordeste: 1970-1998* (with Carlos R. Azzoni, Décio K. Kadota and Maurício T. Rodrigues), Fortaleza: Banco do Nordeste, pp. 118, 2001.
- Regional Inequality and Structural Changes: Lessons from the Brazilian Economy*. Aldershot: Ashgate, ISBN 0754611264, pp. 210, 1999.

Book Chapters

- Regional Disparities (with Carlos R. Azzoni). In: E. Amann, C. Azzoni and W. Baer (editors). *The Oxford Handbook of the Brazilian Economy*. Oxford: Oxford University Press, pp. 423-445, 2018.

- Perspectivas da Urbanização no Século XXI e suas Implicações para o Trabalho. In: Organização Internacional do Trabalho (org.). *Futuro do Trabalho no Brasil: Perspectivas e Diálogos Tripartites*. Organização Internacional do Trabalho, pp. 58-63, 2018.
- Dimensões Humanas e Econômicas das Mudanças Climáticas (with Myanna Lahsen and Jacques Marcovitch). In: C. Nobre and J. Marengo (editors). *Mudanças Climáticas em Rede – Um Olhar Interdisciplinar: Contribuições do Instituto Nacional de Ciência e Tecnologia para Mudanças Climáticas*. Bauru: Canal 6 Editora, pp. 247-306, 2017.
- Economia das Mudanças Climáticas: A Experiência Brasileira com a Utilização de Modelos Integrados para Avaliação de Impactos de MCG (with Eliane Teixeira). In: T. Ambrizzi, P. R. Jacobi and L. M. M. Dutra. (editors). *Ciência das Mudanças Climáticas e sua Interdisciplinaridade*. São Paulo: Annablume, pp. 249-260, 2015.
- Multipliers in an Island Economy: The Case of the Azores (with Vasco Silva, Alexandre Porsse and Tomaz Dentinho). In: A. A. Batabyal and P. Nijkamp (editors), *The Region and Trade: New Analytical Directions*, World Scientific, pp. 205-226 , 2015.
- An Accessibility Index for the Metropolitan Region of São Paulo (with Renato S. Vieira). In: K. Kourtit, P. Nijkamp and R. R. Stough (editors), *The Rise of the City: Spatial Dynamics in the Urban Century*, Cheltenham, UK: Edward Elgar Publishing, pp. 242-258, 2015.
- Impacto Plurissetorial, Risco, Vulnerabilidade e Oportunidade – Capítulo 7 (with E. P. Domingues, W. R. Faria and A. S. Magalhães). In: E. D. Assad and A. R. Magalhães (editors), *Impactos, Vulnerabilidades e Adaptação às Mudanças Climáticas. Contribuição do Grupo de Trabalho 2 do Painel Brasileiro de Mudanças Climáticas ao Primeiro Relatório da Avaliação Nacional sobre Mudanças Climáticas*. Rio de Janeiro: COPPE – Universidade Federal do Rio de Janeiro, v. 2, pp. 314-336, 2014.
- Impact Assessment of Interregional Government Transfers in Brazil: An Input-output Approach (with Carlos A. Luque, Gilberto T. Lima, Sergio N. Sakurai and Silvio M. Costa). In: J. R. Cuadrado-Roura and P. Aroca (editors), *Regional Problems and Policies in Latin America*, Berlin: Springer-Verlag, pp. 331-351, 2013.
- The Long Run Interplay Between Trade Policy and the Location of Economic Activity in Brazil Revisited (with Lucas Ferraz and Maria Cristina Terra). In: R. Crescenzi and M. Percoco (editors), *Geography, Institutions and Regional Economic Performance*, Berlin: Springer Verlag, pp. 331-351, 2013.
- Climate Change and the Future of Regions (with Carlos R. Azzoni). In: Roberta Capello and Tomaz Ponce Dentinho (editors), *Networks, Space and Competitiveness: Evolving Challenges for Sustainable Growth*, Cheltenham: Edward Elgar, pp. 137-148, 2012.
- Climate Change, Energy Use and Long-run Growth in Brazil (with Carlos R. Azzoni and Fábio Kanczuk). In: Edmund Amann, Werner Baer and Donald V. Coes (editors), *Energy, Bio Fuels and Development: Comparing Brazil and the United States*, New York, NY: Routledge, pp. 113-121, 2011.
- Spatial Interactions Between Energy and Energy-intensive Sectors in the Brazilian Economy: A Field of Influence Approach (with Gervásio Santos, Joaquim J. M. Guilhoto, Geoffrey J. D. Hewings and Denise Imori). In: Edmund Amann, Werner Baer and Donald V. Coes (editors), *Energy, Bio Fuels and Development: Comparing Brazil and the United States*, New York, NY: Routledge, pp. 122-136, 2011.
- Introdução (with Pedro N. Ramos and Eduardo A. Castro). In: Eduardo A. Haddad, Pedro N. Ramos and Eduardo. A. de Castro. (editors), *Modelos Operacionais em Economia Regional*. Cascais: Príncipeia, pp. 5-20, 2011.
- Política Energética e Modelagem Inter-regional de Equilíbrio Geral Computável: O Modelo ENERGY-BR (with Gervásio Santos and Geoffrey J. D. Hewings). In: Eduardo A. Haddad, Pedro N. Ramos and Eduardo. A. de Castro (editors), *Modelos Operacionais em Economia Regional*. Cascais: Príncipeia, pp. 179-198, 2011.

- Determinantes das Exportações: Evidência Empírica dos Municípios Paulistas (with Pedro Scazufca). In: Eduardo A. Haddad, Pedro N. Ramos and Eduardo. A. de Castro (editors), *Modelos Operacionais em Economia Regional*. Cascais: Princípia, pp. 387-411, 2011.
- Dimensões Regionais da Mortalidade Infantil no Brasil, 1980-2000 (with Ana M. Barufi and Antonio Paez). In: Eduardo A. Haddad, Pedro N. Ramos and Eduardo. A. de Castro (editors), *Modelos Operacionais em Economia Regional*. Cascais: Princípia, pp. 473-494, 2011.
- Modelos Computacionais de Equilíbrio Geral Inter-Regionais. In: José Silva Costa; Tomaz Ponce Dentinho and Peter Nijkamp (editors). *Compêndio de Economia Regional: Métodos e Técnicas de Análise Regional*. Cascais: Princípia, v. II, pp. 563-607, 2011.
- Análise Macroeconômica. In: Sergio Margulis, Carolina Dubeux and Jacques Marcovitch (editors). *Economia da Mudança do Clima no Brasil*. Rio de Janeiro: Synergia, pp. 197-230, 2011.
- Redução de Emissões: Efeitos da Taxação de Carbono na Economia Brasileira (with Edson P. Domingues and Fernando S. Perobelli). In: Sergio Margulis, Carolina Dubeux and Jacques Marcovitch (editors). *Economia da Mudança do Clima no Brasil*. Rio de Janeiro: Synergia, pp. 299-316, 2011.
- Macroeconomic Analysis. In: Sergio Margulis, Carolina Dubeux and Jacques Marcovitch (editors), *The Economics of Climate Change in Brazil: Costs and Opportunities*, São Paulo: FEAUSP, pp. 51-56, 2011.
- Emission Reductions: Effects of Taxation on Carbon emissions in the Economy (with Edson P. Domingues and Fernando S. Perobelli). In: Sergio Margulis, Carolina Dubeux and Jacques Marcovitch (editors), *The Economics of Climate Change in Brazil: Costs and Opportunities*, São Paulo: FEAUSP, pp. 67-68, 2011.
- Mudanças Climáticas e o Futuro das Regiões (with Carlos R. Azzoni). In: José Manuel Viegas and Tomaz Ponce Dentinho (editors). *Desafios Emergentes para o Desenvolvimento Regional*. Cascais: Princípia, pp. 39-52, 2010.
- Trade Liberalization, Space, and Regional Development. In: H. S. Esfahani, G. Facchini and G. J. D. Hewings (editors), *Economic Development in Latin America: Essays in Honor of Werner Baer*, Palgrave MacMillan, pp. 201-216, 2010.
- Impactos Sistêmicos do Padrão de Especialização do Comércio Exterior Brasileiro (with Daniel S. Grimaldi). In: Instituto de Pesquisa Econômica Aplicada (editor), *Inserção Internacional Brasileira: Temas de Economia Internacional*, Brasília: IPEA, v. 2, pp. 425-451, 2010.
- Social Policies, Personal and Regional Income Inequality in Brazil: An I-O Analysis (with Carlos R. Azzoni, Joaquim J. M. Guilhoto, Geoffrey J. D. Hewings, Marco A. Laes and Guilherme R. C. Moreira). In: Joseph L. Love and Werner Baer (editors), *Brazil under Lula: Economy, Politics, and Society under the Worker-President*, New York: Palgrave Macmillan, pp. 243-261, 2009.
- Interdependence Among the Brazilian States: An Input Output Approach (with Fernando S. Perobelli and Edson P. Domingues). In: Mahtab A. Farshchi, Odile E.M. Janne and Philip McCann (editors), *Technological Change and Mature Industrial Regions: Firms, Knowledge and Policy*, Cheltenham, UK: Edward Elgar Publishing, pp. 44-63, 2009.
- New Economic Geography and Transportation Policies: The Case of Brazil. In: Gudrun Kochendörfer-Lucius and Boris Pleskovic (editors), *Spatial Disparities and Development Policy*, Washington DC: The World Bank, pp. 61-69, 2009.
- Interregional Computable General Equilibrium Models. In: M. Sonis and G. J. D. Hewings (editors), *Tool Kits in Regional Science: Theory, Models and Estimation*, Berlin: Springer, pp. 119-154, 2009.
- Macroeconomic Policy, Poverty and Unemployment in Brazil: An IMMPA Framework for Middle-Income Countries (with Pierre Richard Agénor, Reynaldo Fernandes and Henning Tarp Jensen). In: Pierre Richard Agénor, Alejandro Izquierdo and Henning Tarp Jensen (editors), *Adjustment Policies, Poverty and Unemployment: The IMMPA Framework*, Oxford: Blackwell Publishing, pp. 329-382, 2007.

- Competição Tributária Regional, Externalidades Fiscais e Federalismo no Brasil: Uma Abordagem de Equilíbrio Geral Computável (with Alexandre A. Porsse and Eduardo P. Ribeiro). *Finanças Públicas: X Prêmio Tesouro Nacional, 2005 – Coletânea de Monografias*, São Paulo: Ágape Editores, pp. 341-407, 2006.
- Liberalização Comercial, Espaço e Desenvolvimento Regional. In: Pedro Mercadante Oliva (editor), *Economia Brasileira: Perspectivas e Desenvolvimento*, São Paulo: Centro Acadêmico Visconde de Cairu, pp. 197-242, 2005.
- Especificação e Implementação de Modelos Inter-regionais de Equilíbrio Geral Computável (with Geoffrey J. D. Hewings). In: Clélio Campolina Diniz and Mauro Borges Lemos (editors), *Economia e Território*, Belo Horizonte: Editora UFMG, pp. 485-514, 2005.
- Localización y Liberalización: Cambios Geográficos en la Estructura Económica Brasileña (with Carlos R. Azzoni). In: Josefina Callicó López (editor), *Insumo-Producto Regional y Otras Aplicaciones*, Guadalajara: Universidad de Guadalajara, Universidad Autónoma Metropolitana, Univ. Nacional Autónoma de México, pp. 79-111, 2003.
- Exportações e Qualificação de Mão-de-Obra no Brasil: Enfoque Regional (with José Paulo Chahad and Antonio Evaldo Comune). In: José Paulo Chahad and Maria Cristina Cacciamali (editors), *Mercado de Trabalho no Brasil: Novas Práticas Trabalhistas, Negociações Coletivas e Direitos Fundamentais no Trabalho*, São Paulo: LTR, pp. 339-364, 2003.
- Projeções Setoriais e Regionais para a Economia Brasileira: 2001-2007 (with Edson P. Domingues). In: José Paulo Chahad and Paulo Picchetti (editors), *Mercado de Trabalho no Brasil: Padrões de Comportamento e Transformações Institucionais*, São Paulo: LTR, pp. 167-194, 2003.
- O Impacto Regional de Políticas Neoliberais no Brasil (with Werner Baer and Geoffrey J. D. Hewings). In: Anita Kon (editor), *Unidade e Fragmentação: A Questão Regional no Brasil*, São Paulo: Editora Perspectiva, pp. 65-86, 2002.
- Integração Regional e Padrão de Comércio dos Estados Brasileiros (with Fernando S. Perobelli). In: Anita Kon (editor), *Unidade e Fragmentação: A Questão Regional no Brasil*, São Paulo: Editora Perspectiva, pp. 221-246, 2002.
- Input-Output Systems in Regional and Interregional CGE Modeling (with Geoffrey J. D. Hewings and Matthew Peter). In: Geoffrey J. D. Hewings, Michael Sonis and David Boyce (editors), *Trade, Networks and Hierarchies*. Berlin: Springer-Verlag, pp. 407-432, 2002.
- A Dinâmica Regional do Emprego no Brasil: 1985-1997 (with José Paulo Chahad and Antonio Evaldo Comune). In: José Paulo Chahad and Naércio Menezes Filho (editors), *Mercado de Trabalho no Brasil: Salário, Emprego e Desemprego numa Era de Grandes Mudanças*, São Paulo: LTR, pp. 137-176, 2002.
- Trade Liberalization and Location: Geographical Shifts in the Brazilian Economic Structure (with Carlos R. Azzoni). In: Geoffrey J. D. Hewings and Joaquim Guilhoto (editors), *Structure and Structural Change in the Brazilian Economy*, Aldershot: Ashgate, pp. 53-81, 2001.
- Trade and Regional Development: International and Interregional Competitiveness in Brazil (with Geoffrey J. D. Hewings). In: Borje Johansson, Charlie Karlsson and Roger R. Stough (editors), *Theories of Endogenous Regional Growth: Lessons for Regional Policy*, Berlin: Springer-Verlag, pp. 181-208, 2001.
- Transportation Costs and Regional Development: An Interregional CGE Analysis (with Geoffrey J. D. Hewings). In: P. Friedrich and S. Jutila (editors), *Policies of Regional Competition*, Baden-Baden: Nomos Verlagsgesellschaft, pp. 83-101, 2001.
- Impactos Setoriais e Regionais da Integração (with Edson P. Domingues and Fernando S. Perobelli). In: Luis F. Tironi (editor), *Aspectos Estratégicos da Política Comercial Brasileira*, Brasília: IPEA/IPRI, pp. 153-190, 2001.
- Liberalización Comercial y Competitividad Regional (with Geoffrey J. D. Hewings). In: Tomás Mancha Navarro and Daniel Sotelsek Salem (editors), *Convergencia Económica e Integración: La Experiencia en Europa y America Latina*, Madrid: Pirámide, pp. 279-311, 2001.

The Region versus the Rest of the Economy: The Extraction Method (with Michael Sonis and Geoffrey J. D. Hewings). In: H. Kohno, P. Nijkamp and J. Poot (editors), *Regional Cohesion and Competition in the Age of Globalisation*, Cheltenham: Edward Elgar, pp. 215-240, 2000.

A Determinação dos Potenciais de Crescimento Econômico Regional a Partir da Análise Fatorial: Um Estudo de Caso. In: *Monografias Vencedoras – VI Prêmio Minas de Economia*, Belo Horizonte: Banco de Desenvolvimento do Estado de Minas Gerais, pp. 103-256, 1994.

Manuscripts under Review

A Socioeconomic Analysis of Ride-Hailing Emergence and Expansion in São Paulo, Brazil (with Renato Vieira, Miguel Jacob, Ana Guerrini, Eduardo Germani, Fernando Barreto, Miguel Bucalem and Pedro Sayon), forthcoming in *Transportation Research Interdisciplinary Perspectives*

Solar Smart Grid as a Path to Economic Inclusion and Adaptation to Climate Change in the Brazilian Semiarid Northeast (with Paulo Nobre, Enio Pereira, Francis Lacerda, Marcel Bursztyn and Debbie Ley), forthcoming in *International Journal of Climate Change Strategies and Management*

Regional Policy Models: A Review (with Ana Barufi), forthcoming in the volume *Handbook of Regional Growth and Development Theories: Revised and Extended Second Edition*, edited by Roberta Capello and Peter Nijkamp, Edward Elgar Publishing

O Paradigma da Abundância para o Desenvolvimento Sustentável do Nordeste Semiárido: Uma Análise *Ex-ante* do Papel da Geração Fotovoltaica Distribuída (with Paulo Nobre, Enio Pereira, Francis Lacerda, Marcel Bursztyn), forthcoming in the volume *Avaliação de Políticas Públicas no Brasil: Uma Análise do Semiárido*, edited by Daniel da Mata, Guilherme Resende e Rogério Freitas, IPEA

Analysis of the Northeastern Constitutional Financing Fund: A Computable General Equilibrium Application (with Thiago Oliveira Nascimento), submitted to *Regional Science Policy and Practice*

Climate Change and Land Use Pattern in Brazil (with Eduardo Barbosa, José Feres and Antonio Paez), forthcoming in the volume *Innovations in Urban and Regional Systems: Contributions from GIS&T, Spatial Analysis and Location Modeling*, Advances in Spatial Sciences Series, edited by Jean-Claude Thill, Springer-Verlag

The “New Urban World”: Challenges for Large Urban Agglomerations (with Ana Barufi), forthcoming in the volume *Urban Empires: Cities as Global Rulers in the New Urban World*, Routledge, edited by Edward Glaeser, Karima Kourtit and Peter Nijkamp

Avaliação dos Impactos Econômicos de Investimentos em Rodovias sob Diferentes Alternativas de Financiamento (with Tales Rozenfeld), submitted to *Revista Brasileira de Economia*

Working Papers

A Bad Year? Climate Variability and the Wine Industry in Chile (with Patricio Aroca, Pilar Jano, Ademir Rocha and Bruno Pimenta)

Impacts of the Proposal for an Additional Royalty Payment for Copper and Lithium Miners in Chile (with Patricio Aroca, Lucas Dias and Sofia Arantes)

Accessibility in the Regional CGE Framework: The Effects of Major Transport Infrastructure Investments in Poland (with Bartłomiej Rokicki, Mark Horridge and Marcin Stępnik)

The Grand Tour: Keynes and Goodwin go to Greece (with Natália Cotarelli, Thiago Simonato, Vinicius Vale and Jaqueline Visentin)

Water Content in Trade: A Regional Analysis for Morocco (with Fatima Ezzahra Mengoub and Vinicius A. Vale)

On the Numerical Structure of Local and Nationwide Government Spending Multipliers (with Natália Cotarelli and Vinicius Vale)

Regional Vulnerability to Climate Change under Uncertainty: The Case of the Brazilian Agriculture (with Bruno S. Souza)

Formação, Endogenia e Influência Institucional na Academia Brasileira: Uma Análise da Absorção de Doutores nas Instituições de Ensino Superior (with Rafael J. P. Damaceno and Jesús P. Mena-Chalco)

A Practitioner's Guide for Building the Interregional Input-Output System for Morocco, 2013 (with Fatna El-Hattab and Abdelaaziz Ait Ali)

The Impact of Productivity Growth in China on the Brazilian Economy (with Andrés Maggi)

Economic Effects of Exploiting Energy Efficiency and Renewable Potentials in Austrian Climate and Energy Model Regions (with Claudia Kettner, Oliver Fritz, Angela Köppl and Alexandre Porsse)

Target Fitting and Robustness Analysis in CGE Models (with Gabriel Garber)

Regional Economic Development in Colombia: A Structural Analysis (co-edited with Geoffrey J. D. Hewings, Jaime Bonet and Luis Galvís)

Should I Stay or Should I Go? Selection on Migration and Learning in Cities of Brazil (with Ana Barufi and Peter Nijkamp)

HONORS AND AWARDS

Department Award for “Best Professor”, ranked by undergraduate students, 2018

ECOPAR Award – First Place (Growth and Economic Development), 2017

“Modeler of the Month”, EcoMod Network, July 2014

Edson Potech Magalhães Prize – First Place – Best Doctoral Thesis in Agricultural Economics (advisor), Brazilian Society of Rural Economics, Management and Sociology (SOBER), 2013

Opening Lecture of the Graduate Program in Economics, Universidade Federal Juiz de Fora, Brazil, 2013

ABER Award for outstanding service to the Brazilian Regional Science Association, 2012

Member of the academic delegation that visited the Baabda Presidential Palace to meet the General Michel Sleiman, President of the Lebanese Republic, April 3rd, 2012

CAPES Thesis Award 2011 – Honorable Mention (advisor), Brazilian Ministry of Education, 2012

Opening Lecture of the Graduate Program in Economics, Universidade Federal do Rio Grande do Norte, Brazil, 2011

Congratulation votes from the City Hall of Natal, Brazil, 2011

BNDES Economy Award 2010 – First Place – Best Doctoral Thesis (advisor), Brazilian Development Bank (BNDES), 2011

Opening Lecture of the Graduate Program in Population Studies and Social Research, Escola Nacional de Ciências Estatísticas – ENCE, Rio de Janeiro, Brazil, 2009

Leontief Memorial Prize – Finalist (Third Place), International Input-Output Association (IIOA), 2009

Banco de la Republica Award, Banco de la República, Bogotá, Colombia, 2008

XIX Minas Gerais Prize in Economics, Professional Category – First Place, Minas Gerais Development Bank, 2007

Medal of Merit “Mauá”, Brazilian Ministry of Transportation, 2006

X National Treasury Award – Second Place, National Treasury, 2005

Epainos Award for Young Regional Scientists – Second Prize, European Regional Science Association, 2001

Publication Award – Incentive to the Academic Production Program at FEA, University of São Paulo (2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2015, 2016, 2017, 2018)

II Banco do Nordeste Prize in Regional Economics – First Place, Banco do Nordeste, 1998

VIII Minas Gerais Prize in Economics, Professional Category – First Place, Minas Gerais Development Bank, 1995

VI Minas Gerais Prize in Economics, Undergraduate Student Category – Third Place, Minas Gerais Development Bank, 1993

GRANTS

Brazilian Research Council (CNPq) Productivity Grant 2019-2022 (CNPq # 302861/2018-1)
 São Paulo Research Foundation (FAPESP) Research Projects – Research Collaboration Agreement between FAPESP, Brazil, and the National Commission for Scientific and Technological Research (CONICYT), Chile, 2018-2021 (Grant # 2018/08337-8)
 São Paulo Research Foundation (FAPESP) Research Projects – Thematic Grant, Co-Principal Investigator, 2017-2023 (Grant # 14/50848-9)
 São Paulo Research Foundation (FAPESP) Research Grants – Organization of Scientific Meeting, Principal Investigator, 2017 (Grant # 17/16866-8)
 São Paulo Research Foundation (FAPESP) Scholarships abroad – Research, January 01, 2015 - June 30, 2015 (Grant # 14/25030-2)
 Brazilian Research Council (CNPq) Productivity Grant 2015-2018 (CNPq # 305137/2014-0)
 Byrne Seminar Stipend – Fall 2014, Rutgers University (#662535)
 Brazilian Research Council (CNPq) Post-Doctoral Fellowship, January 01, 2014 - December 31, 2014 (CNPq # 229256/2013-9)
 São Paulo Research Foundation (FAPESP) Research Projects – Regular Grant, 2013-2015 (Grant # 2013/00894-1)
 Brazilian Research Council (CNPq) Research Grant 2012-2014 (CNPq # 405032/2012-9)
 Brazilian Research Council (CNPq) Productivity Grant 2011-2015 (CNPq # 300287/2010-0)
 São Paulo Research Foundation (FAPESP) Visiting Researcher Grant – International, 2011 (Grant #10/17952-6)
 São Paulo Research Foundation (FAPESP) Research Projects – Thematic Grant, Co-Principal Investigator, 2007-2010 (Grant # 06/03104-8)
 Brazilian Research Council (CNPq) Productivity Grant 2008-2011 (CNPq # 301271/2007-0)
 São Paulo Research Foundation (FAPESP) Travel Grant 2007 (Grant # 2007/02996-5)
 Brazilian Research Council (CNPq) Productivity Grant 2005-2008 (CNPq # 303499/2004-4)
 São Paulo Research Foundation (FAPESP) Travel Grant 2005 (Grant # 2005/00737-7)
 São Paulo Research Foundation (FAPESP) Research Projects – Regular Grant, 2004-2006 (Grant # 04/09792-8)
 Brazilian Research Council (CNPq) Productivity Grant 2003-2005 (CNPq # 302474/2002-1)
 São Paulo Research Foundation (FAPESP) Travel Grant 2003 (Grant # 2003/02883-5)
 Brazilian Research Council (CNPq) Productivity Grant 2001-2003 (CNPq # 300768/00-1(NV))
 São Paulo Research Foundation (FAPESP) Travel Grant 2001 (Grant # 2001/06204-0)
 Graduate College Conference Travel Grant, University of Illinois at Urbana-Champaign, USA, 1997
 Graduate College Thesis Project Grant, University of Illinois at Urbana-Champaign, USA, 1996
 Brazilian Research Council (CNPq) Doctoral Fellowship 1995-1998 (CNPq # 200105/95-7(RN))
 Brazilian Research Council (CNPq) Undergraduate Research Scholarship 1992-1993

PROFESSIONAL ACTIVITIES

Referee, Reviewer and Evaluator

Referee for: Journal of Regional Science, Regional Studies, Economic Systems Research, The Annals of Regional Science, Papers in Regional Science, International Regional Science Review, Letters in Spatial and Resource Sciences, Pesquisa e Planejamento Econômico, Estudos Econômicos, Revista Brasileira de Inovação, Economia Aplicada, Nova Economia, Revista Brasileira de Economia, Revista de Economia e Sociologia Rural, International Journal of Urban Sciences

Grant reviewer for: Foundation for the Improvement of Higher Education – Brazilian Ministry of Education (CAPES), Brazilian National Council for Research and Technological Development (CNPq), São Paulo Research Foundation (FAPESP), Minas Gerais Research Foundation (FAPEMIG)

Prize committee member for: 2018 NARSC Graduate Student Paper Competition, 2018 Paulo Haddad Prize – Student Paper Competition, 2011 NARSC Graduate Student Paper Competition, 25th BNDES Prize in Economics, 5th Banco do Nordeste Prize in Regional Economics, 2000 Haralambos Simeonidis Prize (National Award for Best Paper by Economists in Brazil)

Evaluator for: Member of the Steering Committee of the EMSURE Project (Energy and Mobility for Sustainable Regions) – QREN Program, Portugal (2013-2015), External Evaluator of the Graduate Program in Economics at the Universidade Federal de Juiz de Fora (2012); Member of the Commission for the Evaluation of the Graduate Programs in Economics in Brazil, CAPES, Ministry of Education (2010)

Doctoral Advising

Edson Paulo Domingues (2002)
 Eduardo Simões de Almeida (2003)
 Fernando Salgueiro Perobelli (2004)
 Alexandre Alves Porsse (2005; co-advisor)
 Joilson Dias (2009; post-doctoral)
 Lucas Pedreira do Couto Ferraz (2010; co-advisor)
 Gervásio Ferreira dos Santos (2010)
 Weslem Rodrigues de Farias (2012)
 Moisés Diniz Vassalo (2015)
 Ana Maria Bonomi Barufi (2015)
 Michael Tulio Ramos de França (current)
 Ademir Antônio Moreira Rocha (current)
 Karina Simone Sass (current)
 Celso Vilella Chaves Campos (current; co-advisor)

Master Advising

Priscila Pereira Deliberalli (2002)
 Allexandro Emmanuel Mori Coelho (2002)
 Bruno Hermann (2003)
 Adriane Carine Bezerra de Melo da Silveira (2005)
 Raul Antonio Cristóvão dos Santos (2007)
 Pedro Silva Scazufca (2008)
 Ana Maria Bonomi Barufi (2010)
 Eduardo Colagrossi Paes Barbosa (2011)
 Daniel da Silva Grimaldi (2011)
 Maria Carolina Correia Marques (2012)
 Eliane Teixeira dos Santos (2013)
 Otávio José Guerci Sidone (2013)
 Lucas Squarize Chagas (2014)
 Rodrigo Calabrich Campos (2015)
 Tales Rozenfeld (2016)
 Thiago Nascimento (2017)
 Bruno Santos de Souza (2018)
 Bruno Proença Pacheco Pimenta (current)
 Lucas Cardoso Correa Dias (current)
 Raphael Pinto Fernandes (current)

Graduate Teaching

Regional Science Methods (Fall 1997), Teaching Assistant, UIUC
 Latin American Economic Development (Spring 1996-1997), Teaching Assistant, UIUC
 Regional Economics (2001-2002), Universidade de São Paulo
 Thesis Research (2002-2005), Universidade de São Paulo
 Applied General Equilibrium Models (1999-2000, 2003, 2005-2013, 2015-2018), Universidade de São Paulo
 Regional Economic Methods (Spring 2014), Rutgers University

Climate Change and its Interdisciplinarity – Economics (2016), Universidade de São Paulo

Undergraduate Teaching

Intermediate Macroeconomics (Fall 1993), Teaching Assistant, UIUC

Project Appraisal (2001), Universidade de São Paulo

Regional and Urban Economics (1999-2013, 2015-2019), Universidade de São Paulo

Social Accounting (2009), Universidade de São Paulo

Undergraduate Thesis (2004-2013, 2015-2018), Universidade de São Paulo

Let the Games Begin: The Socio-Economic Effects of Mega-Events in Sports – Byrne Seminar (Fall 2014), Rutgers University

Affiliations

American Economic Association, AEA

Regional Science Association International, RSAI

Brazilian Regional Science Association, ABER (founding member)

International Input-Output Association, IIOA

Brazilian Econometric Society, SBE

Life-Member of the University of Illinois Alumni Association

University of Oxford Alumni Community

Founding Member of the Regional Science Academy

Regional Council of Economics, São Paulo, CORECON-SP

CONFERENCES

Keynote Lectures

Workshop “Infraestructuras de América del Sur y Desarrollo Regional Sostenible”, Cochabamba, Bolivia, 2019

2nd AMSR International Congress “Ambition of Sustainability in the Context of Territorial Complexity and the Society of Risks”, Rabat, Morocco, 2017

Workshop on “Assessment Methodologies – Energy, Mobility and Other Real World Applications”, Coimbra, Portugal, 2015

III Congresso Internacional de Desarrollo Local, La Habana, Cuba, 2013

6th Meeting of the Colombian Regional Science Association – ASCER, Barranquilla, Colombia, 2013

19th APDR Congress “Place-based policies and Economic Recovery”, Braga, Portugal, 2013

1st Austrian-Brazilian Workshop on Applied Economic Modeling, Vienna, Austria, 2012

1st Forum on Applied Economics, Salvador, Brazil, 2012

9th ECOPAR – *Encontro de Economia Paranaense*, Londrina, Brazil, 2012

Workshop “Urban Economics and Regional Science”, Loja, Ecuador, 2010

Workshop on “Operational Models in Regional Science”, Azores, Portugal, 2010

11th PRSCO Summer Institute, Cali, Colombia, 2010

17th International Input-Output Conference, São Paulo, Brazil, 2009

2nd Meeting of the Colombian Regional Science Association – ASCER, Bogotá, Colombia, 2009

10th Brazilian Economic Association Meeting (Chapter South), Porto Alegre, Brazil, 2007

7th Brazilian Economic Association Meeting (Chapter South), Maringá, Brazil, 2004

10th Seminar on the Brazilian Economy, Toledo, Brazil, 2000

4th Regional Economics Meeting of the Brazilian Economic Association, Fortaleza, Brazil, 1999

Invited Presentations

Presentation on “Tool Kits in Multi-regional and Multi-sectoral General Equilibrium Modeling for Chile”, International Workshop on General Equilibrium Modeling: Applications for the Chilean Economy, Viña del Mar, Chile, 2018

Presentation on “Impacts of Urban Mobility Apps in Cities”, Centro Ruth Cardoso, São Paulo, 2018

Presentation on “Impact Assessment of Scenarios of Interregional Transfers in Colombia”, VII Jornada Iberoamericana de Financiación Local, Cartagena, Colombia, 2018

Presentation on “The University of Sao Paulo Regional and Urban Economics Lab – NEREUS”, *Main Schools of Regional Science*, 12th World Congress of the RSAI, Goa, India, 2018

Presentation on “Water Content in Trade: A Regional Analysis for Morocco”, Secrétariat d'Etat Chargé de l'Eau, Rabat, Morocco, 2018

Presentation on “Solar Smart Grid as a Path to Economic Inclusion and Adaptation to Climate Change in the Brazilian Semi-arid Northeast”, The Regional Science Academy, Advanced Brainstorm Carrefour (ABC) on Intelligent Spatial Policy in a Digital World, Conventinho de Arrábida, Portugal, 2018

Presentation on “The Grand Tour: Keynes and Goodwin go to Greece”, Seminar: From Regional Science to Territorial Medicine, Lisbon School of Economics and Management, Lisbon, Portugal, 2018

International Conference in Honor of Werner Baer: “Economic Development from the Periphery: The Nexus between Past, Present and Future”, Quito, Ecuador, 2017

Presentation on “Trends of Territorial Economic Development in Latin America: Analyzing Potential Trade-offs”, The Regional Science Academy Series Lectures, Stellenbosch, South Africa, 2017

Presentation on “What Can We Learn from *Ex Ante* Impact Assessment?”, COMCEC Special Session Economic Impacts of Transnational Transport Corridors, Istanbul, Turkey, 2017

Presentation on “Can Africa Capitalize on its Natural Resources? Implications for Territorial Development and Social Cohesion”, 6th edition of The Atlantic Dialogues, Marrakesh, Morocco, 2017

Presentation on “Regional Science and the Challenges for Economic Development in the Developing World”, The Regional Science Academy, Special Academic Session (SAS), Vancouver, Canada, 2017

Presentation on “Structural Indicators of Moroccan Regions: An Interregional Input-Output Approach”, Ministère de l'Économie et Finances, Rabat, Morocco, 2017

Presentation on “Urban Mobility and Greenhouses Gases Emissions in the SPMR”, São Paulo City Hall, São Paulo, Brazil, 2017

Presentation on “The Brazilian Branch of Professor Werner Baer's Academic Genealogy”, Professor Werner Baer Conference, University of Illinois at Urbana-Champaign, USA, 2016

E Agora, Werner? – Seminar in Honor of Prof. Werner Baer, Federal Senate, Brasília, 2016

Presentation on “Interface between Science and Public Policies in Climate Change”, International Conference of the National Institute of Science and Technology for Climate Change, São Paulo, 2016

Presentation on “The Economics of Urban Mobility”, Workshop on *Challenges for Urban Mobility*, Federation of Industries of the State of São Paulo (FIESP), São Paulo, SP, 2016

Presentation on “The Economics of Climate Change: Insights from Integrated Assessment Modeling Experiences for Lebanon and Brazil”, OCP Policy Center, Rabat, Morocco, 2016

Presentation on “Urban Mobility in São Paulo”, Workshop *CORS IN FOCUS*, Universidade de São Paulo, São Paulo, 2015

- Lecture on “Urban Mobility”, Sindicato dos Engenheiros no Estado de São Paulo – SEESP, São Paulo, 2015
- Panel discussion on “Costs of Immobility”, organized by Associação dos Engenheiros e Arquitetos de Metrô – AEAMESP, 21^a. *Semana de Tecnologia Metroviária*, São Paulo, 2015
- International Tinbergen Institute Workshop 2015, “The Future of Spatial Equality and Quality: New Contributions to the Analysis of Human, Social, Entrepreneurial, Creative and Environmental Capital”, Amsterdam, Netherlands, 2015
- Panel discussion on the “Economics of Climate Change: The Cost of Doing Nothing”, organized by the Climate Change and Environment in the Arab World Program at the Issam Fares Institute for Public Policy and International Affairs (IFI) at the American University of Beirut (AUB), Beirut, Lebanon, 2015
- Presentation on “Regional Analysis of Domestic Integration in Egypt” at the Central Agency for Public Mobilization and Statistics (CAPMAS) from the Arab Republic of Egypt, Cairo, Egypt, 2015
- “Integrated Assessment Modeling Workshop”, Climate Futures Initiative, Princeton University, USA, 2014
- International Workshop “Growth without Infrastructure? A Challenging Scenario for Brazil and Other Emerging Countries”, São Paulo, 2013
- 1st National Conference on Climate Change – CONCLIMA, São Paulo, 2013
- International Tinbergen Institute Workshop 2013, “Dynamics in the ‘New Urban World’: Creativity, Culture, Economy and Governance”, Amsterdam, Netherlands, 2013
- International Scientific Workshop “Future Challenges of the New Urban World: What model of Development for the Moroccan City?”, Rabat, Morocco, 2012
- III Seminario “Estrategias de Desarrollo”, Montevideo, Uruguay, 2012
- IPCC WG II & III Joint Meeting on New Socio-economic Pathways for Climate Change Research, The Hague, Netherlands, 2012 (invited expert)
- The World Bank Dissemination Workshop “Using Lebanon’s Large Capital Inflows to Foster Sustainable Long-Term Growth”, Beirut, Lebanon, 2012 (invited participant)
- Seminario “Modelos Hidroclimáticos y Escenarios para la Adaptación”, São José dos Campos, Brazil, 2012
- IPCC WG II AR5 South and Central America Regional Expert Meeting, São José dos Campos, Brazil, 2011 (invited expert)
- Inter-American Development Bank Tourism for Development Workshop, Washington D.C., USA, 2010
- International Workshop on Evaluating Infrastructure, Copenhagen, Denmark, 2010
- 11th Economics Workshop at FEA-RP/USP, Ribeirão Preto, Brazil, 2010
- 6th Meeting “PRODETUR Nacional” – Tourism and Development, São Paulo, Brazil, 2010 VI ELSNIT Conference, Kiel, Germany, 2009
- 12th Annual Conference on Global Economic Analysis, Santiago, Chile, 2009
- International Workshop “The Study of Regional Science in Brazil and in the World”, EESP-FGV, São Paulo, Brazil, 2008
- VI ELSNIT Conference, Florence, Italy, 2008
- V Seminario de la Revista Ensayos sobre Política Económica – Economía Regional y Urbana, Bogotá, Colombia, 2008
- Conference “Brazil: President Lula’s First Administration”, Urbana, USA, 2007

International Policy Workshop “Spatial Disparities and Development Policy” in preparation for the World Development Report 2009, Berlin, Germany, 2007

Conference “Brazil: President Lula’s First Administration”, Urbana, USA, 2007

Economy and Society in Space: An International Workshop in Honor of Professor Michael Sonis, Tel Aviv, Israel, 2006

Conference on “Regulation, Competition and Income Distribution: Latin American Experiences”, Paraty, Brazil, 2005

Workshop “The State of the Art in Regional Modeling”, Seville, Spain, 2004

Conference “The Regulation of Development and the Development of Regulation”, Urbana, USA, 2004

Conference “Argentina and Brazil: The Future of Integration”, Austin, USA, 2004

Taller Regional de Proyecciones Macroeconómicas y Reducción de Pobreza, Mexico City, Mexico, 2003

Hewlett Brazil Project, Brasília, Brazil, 2003

International Conference on Microeconomic Models and Simulation Tools for Fiscal Policy, Madrid, Spain, 2002

The Fourth Annual Hewlett/Brazil/UIUC Project Workshop – New Research on Inequality and Economic Development in Brazil, Urbana, USA, 2002

3rd Economics Workshop at FEA-RP/USP, Ribeirão Preto, Brazil, 2002

Hewlett Brazil Project, Rio de Janeiro, Brazil, 2002

Workshop “Evaluating the Impact of Growth, Economic Policies and Social Programs on Poverty and Distribution: Models and Experiences of Brazil and the World Bank”, São Paulo, Brazil, 2002

International Seminar on “Fiscal Federalism in Mercosur: The Challenges for Regional Integration”, Porto Alegre, Brazil, 2002

International Seminar “Economy and Space”, Ouro Preto, Brazil, 2001

Hewlett Brazil Project: Inaugural Workshop, Urbana, USA, 2000

Workshop “Strategic Aspects of Brazilian trade Policy”, IPEA, Brasília, Brazil, 2000

Seminario “Integración Económica y Convergencia”, Buenos Aires, Argentina, 1999

Seminar in Regional Economic Modeling in Honor of the late Philip Israilevich, Chicago, USA 1998

International Workshop “Theories of Regional Development: Lessons for Policies of Regional Economic Renewal and Growth”, Uddevalla, Sweden, 1998

Conference on Globalisation and Industrial Competitiveness in Brazil, Oxford, UK, 1998

Other Presentations and Discussions

7th edition of The Atlantic Dialogues, Marrakesh, Morocco, 2018

65th Annual North American Meetings of the Regional Science Association International, San Antonio, USA, 2018

16th Meeting of the Brazilian Regional Science Association – ENABER, Caruaru, Brazil, 2018

58th Congress of the European Regional Science Association, Dublin, Ireland, 2018

26th International Input-Output Conference, Juiz de Fora, Brazil, 2018

12th World Congress of the RSAI, Goa, India, 2018

64th Annual North American Meetings of the Regional Science Association International, Vancouver, Canada, 2017

2nd International Congress of the Moroccan Regional Science Association, Rabat, Morocco, 2017

6th Economics of Low-Carbon Markets Workshop, São Paulo, Brazil, 2017

Special Joint NECTAR Cluster 2/6 Workshop on Smart Cities – Governing Accessibility, Air Pollution and Equity, São Paulo, Brazil, 2017

3rd Biannual ISIBalo CRUISE Urban and Regional Science Conference, Stellenbosch, South Africa, 2017

44th Brazilian Economic Association Meeting, Foz do Iguaçu, Brazil, 2016

Encuentro Internacional de Insumo-Producto Regional en América Latina, Guadalajara, Mexico, 2016

56th Congress of the European Regional Science Association, Vienna, Austria, 2016

5th Economics of Low-Carbon Markets Workshop, São Paulo, Brazil, 2016

43th Brazilian Economic Association Meeting, Florianópolis, Brazil, 2015

13th Meeting of the Brazilian Regional Science Association – ENABER, Curitiba, Brazil, 2015

55th Congress of the European Regional Science Association, Lisboa, Portugal, 2015

MENA Development Conference 2015: The Annual Research Conference of the American University in Cairo (AUC), New Cairo, Egypt, 2015

25th Anniversary of the Regional Economics Applications Laboratory (1989-2014), Washington DC, USA, 2014

61st Annual North American Meetings of the Regional Science Association International, Washington DC, USA, 2014

54th Congress of the European Regional Science Association, St Petersburg, Russia, 2014

60th Annual North American Meetings of the Regional Science Association International, Atlanta, USA, 2013

11th Meeting of the Brazilian Regional Science Association – ENABER, Foz do Iguaçu, Brazil, 2013

Third Conference of the Regional Science Association of the Americas, Arica, Chile, 2013

V Encuentro Anual de la Sociedad Chilena de Estudios Regionales (SOCHER), Arica, Chile, 2013

53th Congress of the European Regional Science Association, Palermo, Italy, 2013

21st International Input-Output Conference, Kitakyushu, Japan, 2013

11th Annual International Conference on Politics and International Affairs, Athens, Greece, 2013

Workshop “The Underground Economy: Socioeconomic Impacts of the Sao Paulo Subway System”, São Paulo, Brazil, 2013

International Workshop “Exchanging Ideas across the Space”, São Paulo, Brazil, 2013

International Workshop on Urban Modeling, São Paulo, Brazil, 2012

52th Congress of the European Regional Science Association, Bratislava, Slovakia, 2012

9th World Congress of the Regional Science Association International, Timisoara, Romania, 2012

International Workshop on the Economic Impacts of Extreme Events, São Paulo, Brazil, 2012

Conference “Crises, Globalization and Culture(s): how to Draw Lessons?”, Kaslik, Lebanon, 2012

40th Brazilian Economic Association Meeting, Porto de Galinhas, Brazil, 2012

10th Meeting of the Brazilian Regional Science Association – ENABER, Recife, Brazil, 2012

58th Annual North American Meetings of the Regional Science Association International, Miami, USA, 2011

51st Congress of the European Regional Science Association, Barcelona, Spain, 2011

Second Conference of the Regional Science Association of the Americas, Miami, USA, 2011

39th Brazilian Economic Association Meeting, Foz do Iguaçu, Brazil, 2011

9th Meeting of the Brazilian Regional Science Association – ENABER, Natal, Brazil, 2011

57th Annual North American Meetings of the Regional Science Association International, Denver, USA, 2010

International Workshop on CGE Modeling and Climate Change, São Paulo, Brazil, 2010

50th Congress of the European Regional Science Association, Jönköping, Sweden, 2010

38th Brazilian Economic Association Meeting, Salvador, Brazil, 2010

8th Meeting of the Brazilian Regional Science Association – ENABER, Juiz de Fora, Brazil, 2010

20 Years of Regional Economic Analysis and Research at REAL - A Celebration in Honor of Professor Geoffrey J. D. Hewings, Urbana, USA, 2009

49th Congress of the European Regional Science Association, Lodz, Poland, 2009

56th Annual North American Meetings of the Regional Science Association International, San Francisco, USA, 2009

First Conference of the Regional Science Association of the Americas, Cartagena de Indias, Colombia, 2009

7th Meeting of the Brazilian Regional Science Association – ENABER, São Paulo, Brazil, 2009

55th Annual North American Meetings of the Regional Science Association International, New York, USA, 2008

48th Congress of the European Regional Science Association, Liverpool, UK, 2008

8th World Congress of the Regional Science Association international, São Paulo, Brazil, 2008

6th Meeting of the Brazilian Regional Science Association – ENABER, Aracaju, Brazil, 2008

LACEA-LAMES 2007, Bogotá, Colombia, 2007

2nd International Symposium on Economic Theory, Policy and Applications, Athens, Greece, 2007

International Conference on Policy Modeling – EcoMod 2007, São Paulo, Brazil, 2007

5th Meeting of the Brazilian Regional Science Association – ENABER, Recife, Brazil, 2007

35th Brazilian Economic Association Meeting, Recife, Brazil, 2007

46th Congress of the European Regional Science Association, Volos, Greece, 2006

EcoMod International Conference on Regional and Urban Modeling, Brussels, Belgium 2006

34th Brazilian Economic Association Meeting, Salvador, Brazil, 2006

52nd Annual North American Meetings of the Regional Science Association International, Las Vegas, USA, 2005

45th Congress of the European Regional Science Association, Amsterdam, Netherlands, 2005

8th Annual Conference on Global Economic Analysis, Lübeck, Germany, 2005

International Conference on Input-Output and General Equilibrium: Data, Modeling, and Policy Analysis, Brussels, Belgium, 2005

33rd Brazilian Economic Association Meeting, Natal, Brazil, 2005

44th Congress of the European Regional Science Association, Porto, Portugal, 2004

Workshop on “Evaluating the Poverty and Distributional Impacts of Economic Policies in Brazil Using Micro-Macro Analysis”, São Paulo, Brazil, 2004

32nd Brazilian Economic Association Meeting, João Pessoa, Brazil, 2004

3rd Meeting of the Brazilian Regional Science Association – ENABER, Belo Horizonte, Brazil, 2004

50th Annual North American Meetings of the Regional Science Association International, Philadelphia, USA, 2003

International Conference on Policy Modeling – EcoMod2003, Istanbul, Turkey, 2003

31st Brazilian Economic Association Meeting, Porto Seguro, Brazil, 2003

7th ABET National Meeting, São Paulo, Brazil, 2003

42nd Congress of the European Regional Science Association, Dortmund, Germany, 2002

2nd Meeting of the Brazilian Regional Science Association – ENABER, São Paulo, Brazil, 2002

48th Annual North American Meetings of the Regional Science Association International, Charleston, USA, 2001

41st Congress of the European Regional Science Association, Zagreb, Croatia, 2001

1st Meeting of the Brazilian Regional Science Association – ENABER, Belo Horizonte, Brazil, 2001

47th Annual North American Meetings of the Regional Science Association International, Chicago, USA, 2000

28th Brazilian Economic Association Meeting, Campinas, Brazil, 2000

46th Annual North American Meetings of the Regional Science Association International, Montreal, Canada, 1999

27th Brazilian Economic Association Meeting, Belém, Brazil, 1999

2nd Brazilian Economic Association Meeting (Chapter South), Curitiba, Brazil, 1999

45th Annual North American Meetings of the Regional Science Association International, Santa Fe, New Mexico, USA, 1998

38th Congress of the European Regional Science Association, Vienna, Austria, 1998

Eleventh Advanced Studies Institute in Regional Science – Summer Institute 1998, Munich, Germany, 1998

5th APDR Congress – Associação Portuguesa para o Desenvolvimento Regional (APDR), Coimbra, Portugal, 1998

Research Seminar “Structures and Prospects of Nordic Regional Economies”, Savonlinna, Finland, 1998

12th International Input-Output Conference, New York, USA, 1998

44th Annual North American Meetings of the Regional Science Association International, Buffalo, USA, 1997

28th Annual Meeting of the Mid-Continent Regional Science Association, Indianapolis, USA, 1997

42nd Annual North American Meetings of the Regional Science Association International, Cincinnati, USA, 1995

Short Courses and Lectures

Course on “Executive Certificate in Regional & International Markets: Regional Economics” (24 hours), Mohammed VI Polytechnic University (UM6P), Benguerir, Morocco, 2019

Nereides Program – Workshop on Applied Economics, Federal University of São Carlos, Sorocaba, Brazil, 2019

Nereides Program – International Workshop on General Equilibrium Modeling: Applications for the Chilean Economy, Viña del Mar, Chile, 2018

- Nereides Program* – Course on “Methods of Regional and Interregional Analysis” (12 hours), State University of Mato Grosso do Sul, Ponta Porã, Brazil, 2018
- Course on “Advanced Training in Economic Analysis and Management: Regional Economics” (24 hours), Africa Business School, OCP, Casablanca, Morocco, 2018
- Nereides Program* – Course on “Multi-regional Economic Modeling: Applications for Morocco” (20 hours), OCP Policy Center, Rabat, Morocco, 2017
- Nereides Program* – Course on “Methods of Regional and Interregional Analysis” (12 hours), Federal University of Piauí, Teresina, Brazil, 2017
- Course on “Advanced Training in Economic Analysis and Management: Regional Economics” (30 hours), OCP Policy Center, Rabat, Morocco, 2017
- Course on “Research Assessment of Academic Economists in Brazil” at the XLII Encontro Nacional dos Estudantes de Economia – ENECO, São Paulo, Brazil, 2016
- Course on “Economics of Urban Mobility” at the XLII Encontro Nacional dos Estudantes de Economia – ENECO, São Paulo, Brazil, 2016
- Course on “Advanced Training in Economic Analysis and Management: Module 8 – Regional Economics” (30 hours), OCP Policy Center, Rabat, Morocco, 2016
- Summer course on “Computable General Equilibrium”, IPE-USP, São Paulo, Brazil, 2016
- Course on “Practical General Equilibrium Modeling – The CEER Model: A Spatial CGE Model for Colombia”, Banco de la República de la Colombia, Cartagena de Indias, Colombia, 2015
- Course on “Advanced Training in Economic Analysis and Management: Module 4 – Regional Economics” (30 hours), OCP Policy Center, Rabat, Morocco, 2015
- Guest Lecture at the Woodrow Wilson School of Public and International Affairs, Princeton University, Spring 2015 (Graduate course on Urban Economics), USA, 2015
- Guest Lecture at the Woodrow Wilson School of Public and International Affairs, Princeton University, Spring 2014 (Graduate course on Urban Economics), USA, 2014
- Course on “Applied CGE Modeling” at the Third Edition of the International School of Input-Output Analysis, Kitakyushu, Japan, 2013
- Course on “Interregional CGE Models” at the 1st Summer School in Economic and Development, Universidade de São Paulo, São Paulo, Brazil, 2012
- Course on “Interregional CGE Models” at the 1st RSAI Summer Course, Azores, Portugal, 2011
- Course on “Modelos Operacionais de Economia Regional”, Azores, Portugal, 2010
- Course on “Practical General Equilibrium Modeling – The CEER Model: A Spatial CGE Model for Colombia”, Banco de la República de la Colombia, Cartagena de Indias, Colombia, 2008
- EcoMod Modeling School “Practical General Equilibrium Modeling with GAMS”, São Paulo, Brazil, 2007
- Practical General Equilibrium Modelling, São Paulo, Brazil, 2006
- 25th Brazilian Econometrics Society Meeting, Porto Seguro, Brazil, 2003
- Banco de la República de la Colombia, Cartagena, Colombia, 2003
- Lecture on “Interregional CGE Models” at the graduate course “Regional Science Methods”, University of Illinois at Urbana-Champaign, Urbana, USA, 2002
- Course on “Micro-Macro Simulation Methods for Poverty Analysis: An Introduction to IMMPA”, São Paulo, Brazil, 2002
- Joint Africa Institute-World Bank Workshop – Quantitative Macroeconomic Analysis for Growth and Poverty Reduction Strategies, Abidjan, Ivory Coast, 2002

Course on “Macroeconomic Management: Current Policy Issues and Quantitative Methods”, São Paulo, Brazil, 2000

Course on “Spatial Economic Models”, Rio de Janeiro, Brazil, 1999

Course on “Interregional CGE Modeling at AKF”, Copenhagen, Denmark, 1998

Seminars

Universidade Federal de São Carlos, Sorocaba, Brazil, 2018

Universidade Federal de Pernambuco, Caruaru, Brazil, 2018

Universidade de São Paulo, São Paulo, Brazil, 2017

Universidade Federal de Uberlândia, Uberlândia, Brazil, 2016

Universidade Federal de Juiz de Fora, Juiz de Fora, Brazil, 2016

Universidade Federal Fluminense, Niterói, Brazil, 2016

Universidade de São Paulo, São Paulo, Brazil, 2016

Universidade Federal do ABC, São Bernardo do Campo, Brazil, 2016

Universidade Federal do Paraná, Curitiba, Brazil, 2015

Universidade de São Paulo, São Paulo, Brazil, 2015

Department of Economics, University of Illinois at Urbana-Champaign, 2014

Edward J. Bloustein School of Planning & Public Policy, Rutgers, The State University of New Jersey, 2014

Edward J. Bloustein School of Planning & Public Policy, Rutgers, The State University of New Jersey, 2013

Department of Economics, American University of Beirut, Beirut, Lebanon, 2012

WIFO Public Lecture, Austrian Institute of Economic Research (WIFO), Vienna, Austria, 2012

Ministerio de Transportes y Comunicaciones, Lima, Peru, 2010

Universidad Central, Bogotá, Colombia, 2009

EESP-FGV São Paulo, São Paulo, Brazil, 2008

Universidade de São Paulo, São Paulo, Brazil, 2008

Universidade Federal de Minas Gerais, Belo Horizonte, Brazil, 2008

Regional Economics Applications Laboratory, University of Illinois at Urbana-Champaign, Urbana, USA, 2007

Universidade Federal do Paraná, Curitiba, Brazil, 2007

Universidade de São Paulo, São Paulo, Brazil, 2007

Universidade Federal de Minas Gerais, Belo Horizonte, Brazil, 2004

Universidade de Brasília, Brasília, Brazil, 2004

Universidade de São Paulo, São Paulo, Brazil, 2004

Banco de la República, Cartagena de Indias, Colombia, 2003

Fundação de Economia e Estatística Siegfried Emanuel Heuser – FEE, Porto Alegre, Brazil, 2003

Universidade de São Paulo, São Paulo, Brazil, 2003

EESP-FGV São Paulo, São Paulo, Brazil, 2002

Development Bank of Minas Gerais, Belo Horizonte, Brazil, 2002

IPEA-Rio, Rio de Janeiro, Brazil, 2001
 Universidade de São Paulo, São Paulo, Brazil, 2001
 Inter-American Development Bank, Washington D.C., USA, 2000
 Universidade de São Paulo, São Paulo, Brazil, 2000
 Universidade de São Paulo, São Paulo, Brazil, 1999
 Universidade Federal de Minas Gerais, Belo Horizonte, Brazil, 1999
 Universidade Federal de Juiz de Fora, Juiz de Fora, Brazil, 1999
 Núcleo de Estudo de Modelos Espaciais Sistêmicos, IPEA-Rio, Rio de Janeiro, Brazil, 1999
 ESALQ/USP, Piracicaba, Brazil, 1999
 Regional Economics Applications Laboratory, University of Illinois at Urbana-Champaign, Urbana, USA, 1999
 Centre for Brazilian Studies Seminars – University of Oxford, Oxford, UK, 1998

CONTRACT RESEARCH AND CONSULTING

Co-Principal Investigator, *Interregional Input-Output Matrix for the Brazilian Amazon*, Superintendency of Development for the Amazon (SUDAM), Brazil, 2019
 Principal Investigator, *An Interregional Computable General Equilibrium Model for Mexico*, Centro ITAM de Energía y Recursos Naturales, Mexico, 2019
 Principal Investigator, *Input-Output Model and CGE Model for the State of Minas Gerais, Brazil*, Federation of Industries of the State of Minas Gerais (FIEMG), Brazil, 2019
 Principal Investigator, *Socioeconomic Impacts of Tax Policies Related to Biofuels in the States of São Paulo and Minas Gerais*, Energy Research Office (EPE), Brazil, 2018-2019
 Consultant (Data Expert), *Measurement of the Services Value Added in Brazilian Exports*, United Nations Conference on Trade and Development (UNCTAD), Switzerland, 2018-2019
 Principal Investigator, *Study on Urban Mobility in the São Paulo Metropolitan Region*, Uber do Brasil Tecnologia Ltda., Brazil, 2018-2019
 Principal Investigator, *Analysis of the Economic Impacts of the 2018 Carnival in Belo Horizonte, Minas Gerais*, Belotur, Brazil, 2018
 Principal Investigator, *Socioeconomic Impacts of Ridesharing in São Paulo Metropolitan Region*, 99 Technology Inc., Brazil, 2018
 Principal Investigator, *Territorial Development in Maranhão: A Spatial Diagnostics*, The World Bank, USA, 2017
 Senior Researcher, *Socioeconomic Studies and Origin and Destination Survey to Support the Updating of the Road Development Plan (RDP) and the Elaboration of the State Plan of Logistics and Transportation – State of Santa Catarina (PELT-SC)*, Santa Catarina State Secretariat Planning of Infrastructure, Brazil, 2016-2017
 Principal Investigator, *Value Chain and Socioeconomic Relevance of the Real Estate Sector in Brazil and its Macroregions*, Brazilian Association of Real Estate Developers, Brazil, 2016-2017
 Principal Investigator, *Input-Output Model and Computable General Equilibrium Model for the Brazilian Economy*, Brazilian National Confederation of Industry, Brazil, 2016-2017
 Principal Investigator, *Value Chain and Socioeconomic Impacts of the Airbnb Operations in Brazil*, Airbnb, Inc., Brazil, 2017

Principal Investigator, *Mobility in Cities – Distributional Impact Analysis of Transportation Improvement in the Metropolitan Region of São Paulo*, The World Bank, USA, 2015-2016

Non Resident Fellowship, OCP Policy Center, Rabat, Morocco, 2015-2017

Principal Investigator, *Update and Further Specification of the CEER Model, An Interregional Computable General Equilibrium Model for Colombia*, Banco de la República, Colombia, 2014-2015

Principal Investigator, *Mitigation Options of Greenhouse Gas (GHG) Emissions in Key Sectors in Brazil – Economic Scenarios*, United Nations Environment Programme (UNEP), 2014-2016

Principal Investigator, *Forecasts of Sectoral Economic Activity in the State of São Paulo 2014-2020*, Mercados de Energia Consulting, Brazil, 2014

Co-Principal Investigator, *Sectoral and Regional Economic Scenarios 2030 and the Impacts of the Investments of the São Paulo State Government*, São Paulo State Secretariat Planning and Regional Development, 2013-2014

Senior Researcher, *Tourism Demand and Socioeconomic Impacts of the FIFA Confederations Cup Brazil 2013*, Ministry of Tourism, Brazil, 2013

Co-Principal Investigator, *Regional Impacts of Planned Investments in the State of São Paulo*, SEBRAE-SP, Brazil, 2013

Senior Researcher, *Selection Criteria for the Beneficiary Municipalities from the New Metropolitan Development Fund*, São Paulo Company of Metropolitan Planning (EMPLASA), Brazil, 2012-2013

Co-Principal Investigator, *Development of an Intermunicipal Input-Output System for the Analysis of Fiscal Incentives and New Investment Projects in the State of São Paulo*, São Paulo State Secretariat of Finance, Brazil, 2012-2013

Principal Investigator, *Volkswirtschaftliche Effekte von Maßnahmen zur Steigerung der Energieeffizienz und des Anteils Erneuerbarer Energien in den österreichischen Klima- und Energiemodellregionen: Modellierung der gesamtwirtschaftlichen Effekte auf regionaler Ebene*, The Austrian Institute of Economic Research (WIFO), Austria, 2012

Principal Investigator, *Economic Impacts of New Metropolitan Bus Corridors*, Metropolitan Company of Urban Transport in São Paulo (EMTU), Brazil, 2012-2013

Senior Researcher, *Development of Tools for Forecasting and Scenario-Building at the Regional Level including Structural Information from Local Input-Output Tables*, CPFL Energy, Brazil, 2011-2013

Principal Investigator, *Evaluation of the Ex Ante Impact of PRODETUR-BA*, Bahia State Secretariat of Tourism, Brazil, 2011-2012

Co-Principal Investigator, *Study on the Transport Demand and Characterization and Quantification of Sectoral Logistic Costs in the State of São Paulo*, Department of Highways of the State of São Paulo (DER-SP), Brazil, 2011-2013

Principal Investigator, *Multi-sectoral Economic Scenarios for Peru 2030*, Logit Consulting Engineering, Brazil, 2010

Senior Researcher, *Economic Impact Analysis of the Biodiesel Project (BIOVALE) in the State of Pará*, Vale Foundation and PHORUM Consulting in Economics, Brazil, 2010

Principal Investigator, *Impact of Pre-salt Investments across Sectors and Regions: A Pilot CGE Analysis*, The World Bank, USA, 2010-2011

Principal Investigator, *Evaluation of the Ex Ante Impact of PRODETUR-RJ*, Rio de Janeiro State Secretariat of Public Works, Brazil, 2010

Senior Researcher, *Monitoring the Quality of Urban Life in São Paulo*, Inter-American Development Bank, USA, 2010

Senior Researcher, *Domestic and International Tourists Forecasts for the City of São Paulo Tourism Plan 2011-2014*, SPTuris, Brazil, 2010

- Principal Investigator, *Sectoral and Regional Socioeconomic Impacts of the Vale's Portfolio of Investments*, Vale Foundation, Brazil, 2010-2011
- Principal Investigator, *Economic Modeling of the National Plan of Logistics and Transportation*, Logit Consulting Engineering and Ministry of Transportation, Brazil, 2010-2011
- Principal Investigator, *Assessment of the Economic Impacts of Global Climate Change in the State of Minas Gerais*, Environmental State Foundation – Minas Gerais (FEAM), 2010-2011, Brazil
- Principal Investigator, *Economic Impacts of the Specialization Pattern of the Brazilian International Trade*, United Nations Economic Commission for Latin America and the Caribbean and IPEA, Brazil, 2009
- Short-term Consultant, Departamento Nacional de Planeación, República de Colombia, 2009
- Principal Investigator, *Historical Time Series and Forecasts of Sectoral Economic Activity in the State of São Paulo 2004-2014*, Mercados de Energia Consulting, Brazil, 2009
- Co-Principal Investigator, *Methodology for Long-Term Forecasts of Regional Markets*, Electricity Company of the State of Matro Grosso (CEMAT), Brazil, 2009-2011
- Principal Investigator, *Socioeconomic Scenarios for the Northern Coast*, Municipality of São Sebastião, SP, Brazil, 2009-2010
- Principal Investigator, *Assessment of Climate Change Impact on the Brazilian Economy*, Ministry of Foreign Affairs, UK, 2008-2009
- Principal Investigator, *Spatial Economic and Demographic Scenarios for the State of Bahia*, Electricity Company of the State of Bahia (COELBA), Brazil, 2008-2009
- Principal Investigator, *Studies and Research on Energy Demand in Brazil*, Eletrobras, 2008-2010
- Principal Investigator, *State Plan of Logistics and Transportation – State of Pará, Brazil*, Pará State Secretariat of Transportation, 2008-2010
- Principal Investigator, *Technical Advisory Study for the State Transportation Policy*, Minas Gerais State Secretariat of Transportation and Public Works, Brazil, 2007-2008
- Principal Investigator, *Socioeconomic Impacts of the Panamerican Games 2007*, Ministry of Sports and Fundação Instituto de Administração (FIA), Brazil, 2007-2008
- Principal Investigator, *National Plan of Logistics and Transportation: Methodological Integration of the Economic and Transport Models and Forecasts Updates*, Ministry of Defense, Brazil, 2008-2010
- Principal Investigator, *Evaluation of the Impact of the Transportation Sector on the Economic Development of Brazil*, BR Strengthening Macroeconomic Monitoring P103854, The World Bank, USA, 2007
- Principal Investigator, *Construction of an Interregional CGE Model for Colombia*, Banco de la República, Colombia, 2006-2007
- Principal Investigator, *Regional Scenarios for the National Plan of Logistics and Transportation 2006*, Ministry of Defense, Brazil, 2006-2007
- Principal Investigator, *State Plan of Logistics and Transportation – State of Minas Gerais*, Minas Gerais State Secretariat of Transportation and Public Works, Brazil, 2006-2007
- Principal Investigator, *Socioeconomic Aspects of the Petrochemical Complex in the State of Rio de Janeiro*, Petrobras, Brazil, 2006
- Principal Investigator, *Simulation Scenarios of Trade Negotiations using a CGE Model*, Ministry of Finance, Brazil, 2005-2006
- Principal Investigator, *Sustainability Impact Assessment – Agriculture Sector Study*, Overseas Development Institute, UK, 2004

- Co-Principal Investigator, *A Quantitative Framework for Evaluation of Macroeconomic and Social Policies on Poverty: Applications to Three Latin-American Countries*, Inter-American Development Bank and EcoMod Network, USA and Belgium, 2004-2007
- Consultant, *Country Report (Economics): Brazil*, Economist Intelligence Unit (EIU), UK, 2004
- Co-Principal Investigator, *Multiregional Input-Output Table for Colombia*, Banco de la República, Colombia, 2004
- Principal Investigator, *Trade Liberalization and Regional Inequality: Do Transportation Costs Impose a Spatial Poverty Trap?*, The World Bank, USA, 2004
- Senior Researcher, *Market Forecasts 2001-2015*, CEMAR Energy and PHORUM Consulting in Economics, Brazil, 2003-2004
- Senior Researcher, *Assessing the Impacts of Agricultural Policy and Structural Reforms on Income Distribution and Poverty in Brazil*, Organization for Economic Co-Operation and Development (OECD), France, 2003-2004
- Senior Researcher, *Studies on the Brazilian Labor Market*, Ministry and Labor and Employment, Brazil, 2003
- Principal Investigator, *Economic Scenarios for the State Plan of Logistics and Transportation – State of Bahia*, Booz Allen & Hamilton, Brazil, 2003
- Principal Investigator, *Macroeconomic, Sectoral and Regional Scenarios for the Multiannual Plan 2004-2007*, Ministry of Planning, Brazil, 2002-2003
- Consultant, Joint Africa Institute, Abidjan, Ivory Coast, 2002
- Senior Researcher, *Studies on the Brazilian Labor Market*, Ministry and Labor and Employment, Brazil, 2002
- Senior Researcher, *Development of São Paulo: Competitiveness in a New Scenario*, São Paulo State Secretariat of Economy and Planning, Brazil, 2002
- Senior Researcher, *Labor Market Policies and Programs in Brazil*, Ministry and Labor and Employment, Brazil, 2002
- Principal Investigator, *National Axes of Integration and Development: Portfolio Update from 2000-2007 to 2004-2011*, Monitor Group and Ministry of Planning, Brazil, 2002-2003
- Senior Researcher, *The Economic Structure of the State of São Paulo: The Spatial Distribution of Activities*, São Paulo State Secretariat of Economy and Planning, Brazil, 2002
- Team Leader, *Integrated Macroeconomic Model for Poverty Analysis – IMMPA*, The World Bank, USA, 2001-2004
- Principal Investigator, *Impact Study of the Portfolio in the Axes Amazônia and West: 2001-2020*, Booz Allen & Hamilton, Brazil, 2001-2002
- Principal Investigator, *Analyzing the Impact Adjustment Policies on the Poor: An IMMPA Framework for Brazil*, The World Bank Institute, USA, 2001-2002
- Principal Investigator, *Impact Assessment of Brazil-Argentina Trade Relations*, Inter-American Development Bank, USA, 2001-2002
- Senior Researcher, *Interregional Input-Output Table, State of Minas Gerais / Rest of Brazil 1996*, Minas Gerais Development Bank (BDMG), Brazil, 2001
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