

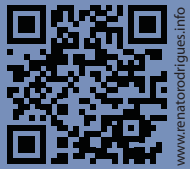
RENATO RODRIGUES

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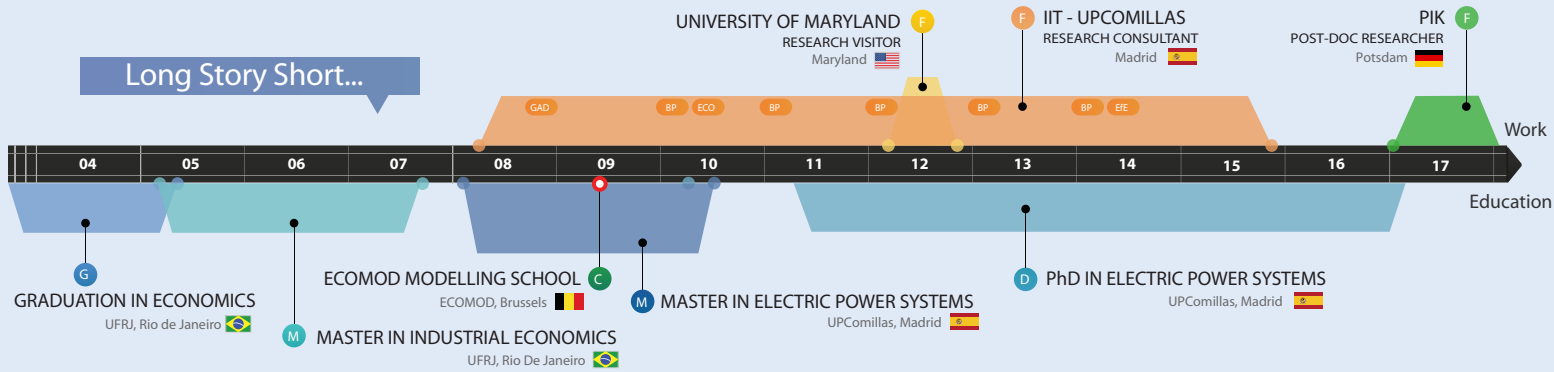
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Want to Know More
About Me?



www.renatorodrigues.info

Long Story Short...



Work

2017-Today
Potsdam-Germany
PIK - Potsdam Institute for Climate Impact Research
Post-Doc Researcher

2008-2015
Madrid-Spain
IIT- Instituto de Investigación Tecnológica
Research Assistant

Expertise:

Operational research – Simulation methods and mathematical programming
Economy – CGE and hybrid modelling
Energy – Economic regulation and decision support systems
Environment – Climate change, carbon policy and emissions assessments

Proficient Languages



Computer Skills

Proficient: GAMS, MPSGE, Stata, SQL, Visual Basic, Phyton, AHK, Flash, HTML5, CSS, Java script, NW (Node-Webkit), D3 Version Control (GIT, TortoiseGIT), Adobe CS, AutoCad, Microsoft Office

Knowledge: Eviews, R, Matlab, Java, Lua, Delphi, C, C++, Flex, Oracle database

Formation

2010-2017 Madrid-Spain	Universidad Pontificia Comillas – ICAI PhD in Electric Power Systems and Operations Research	2005-2007 RJ-Brazil	UFRJ- Universidade Federal do Rio de Janeiro Master in Industrial Economics
2012 Maryland-USA	University of Maryland Short-term International Exchange Department of Civil and Environmental Engineering	2000-2005 RJ-Brazil	UFRJ- Universidade Federal do Rio de Janeiro Bachelor's Degree in Economics
2008-2010 Madrid-Spain	Universidad Pontificia Comillas - ICAI Master in Electric Power Systems	1996-1999 RJ-Brazil	CEFET-RJ Electronics Technician Secondary school and technical institution

Publications

Rodrigues, R.. 2016. "Hybrid Modeling for Electricity Policy Assessments". PhD in Electric Power Systems. European Doctoral Program. Universidad Pontificia de Comillas. Madrid, Spain, 2017.

Rodrigues, R. & Linares, P. 2015. "Electricity load level detail in computational general equilibrium – Part II – welfare impacts of a demand response program", Energy Economics, Elsevier, vol. 47(C), pages 52-67.

Publications (cont.)

Rodrigues, R. & Linares, P. 2014. "Electricity load level detail in computational general equilibrium – Part I – Data and calibration", Energy Economics, Elsevier, vol. 46(C), pages 258-266.

Rodrigues, R.; Gómez-Plana, A. G.; Gonzalez-Eguino, M.. 2011. "Energy-Economic-Environmental models: a survey" in Handbook of Sustainable Energy, Edward Elgar Publishing, Cheltenham, United Kingdom. 2011-09-01. ISBN: 978-1-84980-115-7.

Rodrigues, R.; Pedro, L.; Gómez-Plana, A. G.. 2011. "A CGE assessment of the impacts on electricity production and CO2 emissions of a residential demand response program in Spain". Estudios de Economía Aplicada. Volume: 29 Number: 2 Pages: 665-(36 pages). Spain. August, 2011.

Rodrigues, R.. 2010. "Computable General Equilibrium models applied to energy policy evaluations". Master thesis in Electric Power Systems. Universidad Pontificia de Comillas. Madrid, Spain, 2010.

Rodrigues, R.. 2007. "Derivatives in Risk Management of the Brazilian Electricity Sector". Master thesis in Industrial Economics. Universidade Federal do Rio de Janeiro (UFRJ). Rio de Janeiro, Brazil. 2007.

Featured Participated Projects

2011-2015	Contract/Project Title: Funding Entity:	BP chair on energy and sustainability BP
2010-2012	Contract/Project Title: Funding Entity: Participating Entities:	ENERGOS: Technologies for the automatic and intelligent management of future distribution networks Unión Fenosa Distribución Gas Natural, Indra, SAC, ZIV, DIMAT, Ormazabal, Outros
2009-2012	Contract/Project Title: Funding Entity: Reference:	Post-2012 scenarios and policies on climate change in Spain Spanish Government ECO2009-14586-C02-01 (subprograma ECON)
2008-2013	Contract/Project Title: Funding Entity: Participating Entities:	Active distribution networks with full integration of demand and distributed energy resources European Union ENEL, EDF, Iberdrola, ABB, U. Manchester, VTT, VITO,...
2007-2010	Contract/Project Title: Funding Entity:	CENIT-GAD: Economic and regulatory analysis for an active demand management GAD partnership - http://gad.ite.es/

Featured Public Reports

Pérez-Arriaga, I.; Linares, P.; Rodrigues, R.; Danesin, A., Cossent, R., Conchado, A., Romero, J. C. and Bellver, J.. 2015. "Observatory of energy and sustainable development in Spain 2014". BP Chair On Energy and Sustainability. March, 2015.

Pérez-Arriaga, I.; Linares, P.; Rodrigues, R.; Danesin, A., Cossent, R., Conchado, A. and Machín, A.. 2014. "Observatory of energy and sustainable development in Spain 2013". BP Chair On Energy and Sustainability. March, 2014.

Labandera, X.; Linares, P.; Rodrigues, R.; Gago, A. and López-Otero, X.. 2014. "Economics for Energy Annual Report: Energy-related Environmental Taxes in Spain". Economics for Energy. January, 2014.

Pérez-Arriaga, I.; Linares, P.; Rodrigues, R.; López-Peña, A.; Danesin, A. and Cruz Lascorz, M.. 2013. "Observatory of energy and sustainable development in Spain 2012". BP Chair On Energy and Sustainability. March, 2013.

Pérez-Arriaga, I.; Linares, P.; Rodrigues, R.; López-Peña, A.; Danesin, A. and Cruz Lascorz, M.. 2012. "Observatory of energy and sustainable development in Spain 2011". BP Chair On Energy and Sustainability. February, 2012.

Pérez-Arriaga, I.; Linares, P.; Rodrigues, R.; López-Peña, A.; Danesin, A. and Fernández, A.. 2011. "Observatory of energy and sustainable development in Spain 2010". BP Chair On Energy and Sustainability. February, 2011.

Conferences

Rodrigues, R.. 2016. "Hybrid modeling for electricity policy assessments". 3rd wholeSEM Annual Conference. Cambridge, United Kingdom. July, 2016.

Rodrigues, R.. 2015. "One Policy, Four Models: Electricity Policy Assessments using Bottom-up, Top-down and Hybrid models". ZEW - New Developments in CGE Modeling. Mannheim, Germany. November, 2015.

Rodrigues, R.; Linares, P.. 2013. "CGE, bottom-up electricity and hybrid models - strengths and weaknesses compared for the same policy", INFORMS 2013 Annual Meeting. Minneapolis, United States of America, 6-9 October 2013

Rodrigues, R.. 2012. "Introducing electricity load level detail into a CGE model". 6th Annual Trans-Atlantic INFRADAY Conference on Applied Infrastructure Modeling and Policy Analysis. Washington DC, USA, September, 2012.

Rodrigues, R.. 2011. "Hybrid Modeling for Electricity Policy Assessments". INFORMS Annual Meeting. Charlotte, North Carolina, USA, 2011.

Rodrigues, R.; Pedro, L.. 2010. "Improving the representation of the electricity sector in computable general equilibrium models". 33rd IAEE International Conference, Rio de Janeiro, Brazil, 6-9 June 2010.

Rodrigues, R.; Pedro, L.. 2010. "Production and emissions impact of household electricity demand response: A CGE assessment for Spain". V Congreso de la Asociación Española para la Economía Energética (AEEE), Vigo, Spain, January 2010. (awarded as the best young researcher paper)

Rodrigues, R.; Hallack, M.. 2007. "Eight years of the shale gas contract between Petrobras and YPF: Lessons for the Future South American energy integration". III SEPLA International Conference (Sociedad de Economía Política y Pensamiento Crítico Latinoamericano). Caracas, Venezuela, 2007.

Rodrigues, R.; Hallack, M.. 2006. "Electricity Derivatives Pricing for Hedge and Valuation of the Risk Exposure". International Seminar: Reorganization and Regulation of the Sector of Electric Energy and Natural Gas. Rio de Janeiro, Brazil, August, 2006.

Rodrigues, R.; Hallack, M.; Lapip, M.. 2006. "Environment: Society of Risk, Regulation and Stakeholders. Case of study: Electricity Generation Sector". 2º CADMA. Rio de Janeiro, Brazil, 2006.

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