MAURICIO URIONA MALDONADO

[1] "My research is focused on accelerating the transitions towards sustainable and low-carbon economies by studying the case of Developing Countries. I use system dynamics models to inform public policy and sustainability transitions theoretical frameworks to ground my findings. I lead the Sustainable Energy Innovation Group (Sinergia) at UFSC. My research has been published in several journals and in specialized conferences across the world. I held visiting positions at Universidad Autonoma de Madrid (Spain), University of Tampere (Finland) and University of Bremen (Germany) and received training at the Massachusetts Institute of Technology (USA)."

EDUCATION

2012

PhD. in Knowledge Management and Engineering

Federal University of Santa Catarina

• Florianopolis, Brazil

2008

- PhD Dissertation: Sectoral Innovation Dynamics, Innovation Systems, System Dynamics, IT Sector
- · CAPES Fellow, PEC-PG. Supervised by Prof. G. Varvakis
- Co-supervised by Prof. V. Kern (UFSC) and Prof. R. Pietrobon (Duke University)

2008 2006

M.Sc. in Knowledge Management and Engineering

Federal University of Santa Catarina

• Florianopolis, Brazil

- Thesis: Business Process Management, System Dynamics, IT Sector
- · CNPg Fellow, PEC-PG. Supervised by Prof. G. Varvakis

2004 2000

B.S. in Industrial Engineering

Military School of Engineering (EMI)

Q La Paz, Bolivia

· Thesis: Strategic Planning, Service Industry



♣ TEACHING EXPERIENCE

Current 2013

Associate Professor

Federal University of Santa Catarina

- ♥ Florianopolis, Brazil
- · Department of Industrial and Systems Engineering
- Courses taught in Undergraduate Level: Decision Analysis, IT Management/Data Science, Microeconomics, Ethics in Business
- Courses taught in Graduate level: System Dynamics Simulation, Innovation and Industrial Economics, Renewable Energy Economics

2012 2009

Teaching Assistant

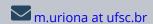
Federal University of Santa Catarina

• Florianopolis, Brazil

- Department of Information Science
- TA in the course "Service Organizations"

View this CV online with links at https://cv-muriona .netlify.app/

CONTACT





R⁶ researchgate

in uriona

0000-0002-1174-

4828

LANGUAGE **SKILLS**

English

Portuguese

Spanish (Native)

French

SPECIFIC SKILLS

Programming:

RStudio, System Dynamics (Stella and Vensim), Tableau

Other: data analysis, data visualization, machine learning

Made with the R package pagedown

TRAINING ABROAD

Dinamica Software

· Helped in financial management

2005

Visiting Professor 2017 Premen, Germany University of Bremen 2017 • Visiting Professor at the Bremen Institute for Production and Logistics · CAPES-DFG Fellow **System Dynamics Training** 2017 O Boston, USA MIT 2017 · MIT Sloan School of Management · Advanced Course in System Dynamics **Visiting Professor** 2015 ▼ Tampere, Finland University of Tampere 2015 Visiting Professor in Innovation Policy **Visiting Researcher** 2011 Madrid, Spain Autonomous University of Madrid 2011 Visiting Scholar at the Economics and Business Faculty • EU 7th Framework Programme - Marie Curie Actions PhD School on Innovation Systems 2011 Tampere, Finland University of Tampere 2011 · Globelics PhD School INDUSTRY EXPERIENCE Consultant 2013 **♥** Florianopolis, Brazil Industry Federation of Santa Catarina 2012 · Consultant in Innovation Management · CNPg/NAGI Fellow · Served small, medium and large enterprises in Santa Catarina State Researcher 2010 ♥ Florianopolis, Brazil Celesc Distribuicao 2009 Strategic Outsourcing in the Energy Sector • Conducted interviews and developed framework for outsourcing decisions for Celesc (the Power Distribution Company in SC State) **Business Analyst** 2008

· Designed and assessed in new product development (ERP system)



Datacamp

Coursera

FDx

• Florianopolis, Brazil

Linkedin Learning

Tableau for Teaching

The evolution, consolidation and future challenges of wind energy in Uruguay Energy Policy - Authored with Correa, KC; Vaz CR A Systems Modeling approach to estimate biogas potential from biomass sources in Brazil Renewable And Sustainable Energy Reviews - Authored with Borges CP; Sobczak JC; Silberg TR (USA); Vaz CR Modeling Smallholder Agricultural Systems to Manage Striga in the Semi-Arid Tropics Agricultural Systems - Authored with Silberg TR; Renner K; Schmitt Olabisi L; Richardson RB; Chimonyo VGP; Basso BB; Mwale C from the USA The Influence of E-Carsharing Schemes on Electric Vehicle Adoption and Carbon Emissions: An Emerging Economy Study Transportation Research Part D: Transport and Environment - Authored with Luna TF; Silva ME (France): Vaz CR The Influence of Company Size on Energy Management Systems adoption: A System Dynamics Model Brazilian Business Review - Authored with Reis C; Benvenutti L; Campos L Dynamics Performance of the Wind-Power Supply Chain with Transmission Capacity Constraints International Journal of Electrical and Computer Engineering - Authored with Herrera MM; Dyner I from Colombia Dynamics of Stress Generation And Reduction In the Nursing Team at an Oncology Center Revista Latino-Americana de Enfermagem - Authored with Santana JLG; Gontijo LA The Impact of CO2 Mitigation Policies on Light Vehicle Fleet in Brazil Energy Policy - Authored with Benvenutti LM; Campos L Product-Service Systems in Solar PV Deployment Programs: What can we learn from the California Solar Initiative? Resources, Conservation and Recycling			SELECTED PUBLICATIONS
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• Authored with Benvenutti LM; Campos L 2019 Product-Service Systems in Solar PV Deployment Programs: What can we learn from the California Solar Initiative? Resources, Conservation and Recycling	2019	•	The Impact of CO ₂ Mitigation Policies on Light Vehicle Fleet in Brazil
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	2019		
 Authored with Schmidt-Costa Jr; Possamai O 		I	Authored with Schmidt-Costa Jr; Possamai O

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2018	International Journal of Industrial Engineering and Management
	Authored with Andersson R; Bridi E; Baez YP; Forcellini F; Moraes FC
2017	• Long Term Diffusion Dynamics Of Alternative Fuel Vehicles In Brazil
2017	Journal of Cleaner Production
	Authored with Benvenutti LM; Ribeiro A
2017	A Functions Approach To Improve Sectoral Technology Roadmaps
l 2017	Technological Forecasting and Social Change
	Authored with Haddad CR (Sweden)
2016	 Process Improvement For Professionalizing Non-Profit Organizations: Bpm Approach
2016	Business Process Management Journal
	Authored with Haddad CR (Sweden); Ayala DHF (Colombia); Forcellini F; Lezana GR
2015	Big Data and Business Analytics in the Supply Chain: A Review of the Literature
2015	IEEE Latin America Transactions
	Authored with Gimenez Isasi NK; Morosini Frazzon E
2012	• State Of The Art On The Systems Of Innovation Research: A Bibliometrics
 2012	Study Up To 2009
	Scientometrics
	Authored with Dos Santos RNM; Varvakis G

PUB RECORD

59 Journal Publications5 Books29 Book Chapters59 Journal Publications138 Conference

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Papers