

CV for Jorge Rogat (April, 1957)

October 2018

Language proficiency:

Spanish: mother tongue

English: fluent

Swedish: fluent

Degrees:

Institution	Date from - Date to	Degree(s) or Diploma(s) obtained
University of Gothenburg	1993 - 1998	PhD Environmental Economics
University of Gothenburg	1989- 1993	Bachelor of Science Degree in Economics

Positions:

Date from - Date to	Position	Employer and reference person (name and contact details)	Location
2000 - ongoing	Senior Economist	UNEP DTU Partnership, Technical University of Denmark (DTU), former UNEP Risoe Centre, Technical University of Denmark (DTU).	Denmark
1998 – 2000	Network Officer for the Latin American region	Global Water Partnership	Sweden

Research Area:

Environmentally Sustainable Technology transfer and deployment: expertise related to institutional arrangements, technology needs assessment and technology prioritisation and preparation of technology action plans.

Integrated and Sustainable City Development: Own research work looking at the needs of planning and implementing integrated approaches due to increased urbanisation.

Sustainable Transport: promotion of modal shift from private motorised transportation to public transport, in particular Bus Rapid Transport Systems, Non-motorised transport and walking.

Fuel Pricing Policies: conducted research in the area of fuel pricing policies, including the economic benefits of fuel subsidy removal. This includes research on the determinants of gasoline demand in the Latin American region.

Estimation of the economic Social and Environmental impacts of air pollution from the transport sector: using non-traditional valuation methods such as the Hedonic Pricing Method, estimation of the value of properties in polluted areas in Santiago, Chile.

Research and production potential for Biofuels in Latin America: EU funded research project conducted by a consortium composed of five universities in Latin America (LA) and five universities in Europa. Research on the production potential of biofuels in the LA region, with particular focus on second-generation biofuels.

Memberships of memberships of boards/advisory committees/scientific committees

2010 – 2013, Member of the Steering Commiitte of the Global Technology Needs Assessments project Phase I

2014 – ongoing, Member of the Steering Commiitte of the Global Technology Needs Assessments project Phase II

2017 – ongoing, Member of the Steering Committee of LED LACS, Resilient and Low Emissions Development for Latin America and the Caribbean.

Project management and capacity building experience:

Project	Countries	Position
Global Technology Needs Assessment (Phase II) (2014 - Ongoing). GEF-funded project.	25 countries in Asia and CIS, Africa and the Middle East, and Latin America and the Caribbean.	Global project manager and regional coordinator for Latin America and the Caribbean.
Global Technology Needs Assessment (Phase I) (2010-2013) GEF-funded project.	36 countries in Asia and CIS, Africa and the Middle East, and Latin America.	Global project manager and regional coordinator for Latin America.
Research and production potential for Biofuels in Latin America. EU-funded project.	Argentina, Brazil, Chile, Mexico	Project manager at UDP, former UNEP Risoe Centre.
Sustainable Energy Advisory Facility for Latin American and Caribbean Countries (SEAF-LAC). BMU-funded project.	Jamaica, Ecuador, Panama	Project manager at UDP, former UNEP Risoe Centre.
Network on Environmentally Sustainable Transport for Latin America and the Caribbean (NESTLAC). GEF-funded project.	Chile, Guatemala, Panama	Project manager at UDP, former UNEP Risoe Centre.

Research collaboration, 2011 – present:

Fuel Pricing Policies including subsidies: Collaboration with the following research institutes/universities:
 University of Gothenbug, Department of Economics
 University of Chile, Department of Industrial Economics

Estimation of the economic Social and Environmental impacts of air pollution from the transport sector:

Collaboration with University of Chile, department of Economics.
 Collaboration with Catholic University of Chile.

Research and production of Biofuel production in Latin America: Collaboration with University of Valparaiso, Chile; CENBIO institute, Sao Paulo, Brazil; Fundación Bariloche, Bariloche, Argentina; Risoe National Laboratory, Denmark; University Graz, Austria; WIP Renewable Energies, Germany; BTG Biomass Technology Group BV Netherlands; CIEMAT Institute, Madrid Spain; UNAM University, Mexico City.

Other innovation activities - including methodology development, research databases etc:

Projects	Methodology	Where Applied
Global Technology Needs Assessment (Phase II) (2014 - Ongoing)	Technology Action Plan, 2016 (Active Contributor to write guidebooks and training documentation)	All TNA Phase II countries
Promoting Low Carbon Transport in India (2010-2015)	Reviewer of Toolkit for Low Carbon Mobility Plans, 2016. Reviewer of Toolkit for Comprehensive Mobility Planning (Revised), 2014	Global UN Environment guidance A toolkit used by the Indian Ministry of Urban Development
Global Technology Needs Assessment (Phase I) (2009-2013)	Co-author of TNA Guidenote on Institutional Structures. Reviewer of TNA guidebook on Climate Change for the Transport Sector.	For the 36 TNA project countries

Reports/studies (peer-reviewed) - Select:

Rogat, J., Dhar, S., Joshi, R., Mahadevia, D., & Mendoza, J. C. (2015). *Sustainable Transport: BRT experiences from Mexico and India*. Wiley Interdisciplinary Reviews: Energy and Environment, 4(6), 564–574. DOI: 10.1002/wene.162

Rogat, J. (Coordinator and Reviewer of Guidebook). *Technologies for Climate Change Mitigation – Building Sector. TNA Guidebook Series*. Magnum Custom Publishing, 2012.

John Christensen, Jorge Rogat and Jean Acquatella. *The Global Energy Scene in a World with Growing Urbanisation*. Risoe Energy Report 10, November 2011.

Rogat, J. *The Politics of Fuel Pricing Policies in Latin America and their Implications for the Environment*. *Energy and the Environment*. Vol. 18, No 1, 2007.

O'Ryan, R., Rogat, J. Sebastian, M. and De Miguel, C. *The Impact of Removing Energy Subsidies in Chile*. In: UNEP, "Energy Subsidies - Lessons Learned in Assessing their Impacts and Designing Policy Reform", UN Geneva, Spring, 2004.

Rogat, J. and Sterner, T., 1998. *The Determinants of Gasoline Demand in Some Latin American Countries*. The International Journal of Global Energy Issues. Vol 11, 1998.

Rogat, J., Figueroa, E., and Firinguetti, L., 1996. *An Estimation of the Economic Value of Air Quality Improvement Program in Santiago de Chile*. Estudios de Economía Universidad de Chile, August 1996, Vol 23. Santiago, Chile.