

Sara Avila Forcada

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EDUCATION	BA Economics , ITAM, Honor Student, 1998 MA Economics , UCLA, 2001 Visiting Student, Princeton University, 2012 PhD Environmental Economics , UNAM, 2015
CURRENT POSITION	FALL 2019-present Economics Senior Instructor CU Boulder, Department of Economics and Continuing Education
TEACHING / RESEARCH FIELDS	Primary fields: pedagogy for teaching economics, energy and environmental economics Secondary fields: behavioral economics, microeconomics, statistics
CURRENT RESEARCH	Identifying best practices for online economics learning Nudges as incentives to reduce household energy consumption Urban mobility of the elderly in Mega-cities
TEACHING EXPERIENCE	Online Senior Instructor CU Boulder Fall 2019-current Teaching the following courses: Environmental Economics, Urban Economics, Introduction to Statistics, Introduction to Econometrics, Principles of Macroeconomics, Money and Banking, Intermediate Microeconomics, and Managerial Economics Online Professor FLACSO Energy Environmental Policy Fall 2008-Fall 2019 Professor at the graduate level of energy and environmental economics and policy. Includes topics of statistics and economic valuation of policies. Lecturer Environmental Economics Columbia University Spring 2013-Fall 2015 Teach environmental economics. Lecturer Globalization & Its Risks Columbia University Fall 2012 Course in the economics department considering the link between globalization, climate change, poverty and inequality. Lecturer Economics of the Environment UNAM Spring 2009 Course of introduction to Environmental Economics. Economics Lecturer ITAM Fall 2004, 2005, 2006 Intermediate Microeconomics, Applied Econometrics, and Environmental Economics.

**OTHER
EXPERIENCE**

Director Econometric Analysis National Institute of Ecology
Sep 2001- Sep 2008

Used econometric models to analyze environmental issues such as climate change, waste management, over-fishing, traffic congestion, aquifer degradation, and so on.

Advisor Environmental Commission Mexican Senate
Jan 2001-Sep 2001

Advisor to the Environmental Commission and link to the Finance Commission.

Economic Advisor Ministry of the Environment
1996-1999

Economic Advisor at the Environmental Economics Unit.

**GRANTS/
AWARDS**

2022: EDUCATE Expanding Diversity in Undergraduate Classes with Advancements in the Teaching of Economics Cohort from the American Economic Association (AEA)

2016-2019: Grant CONACYT-SENER for research in energy efficiency in households.

2009-2010: Grant CONACYT UNAM for research in incentives for conservation at Princeton University.

2009: Grant by the Latin American and the Caribbean Environmental Economics Program for research in fisheries conservation.

2009-2014: CONACYT PhD Scholarship.

1998-2001: CONACYT-University of California scholarship.

PUBLICATIONS

Avila Forcada, S., Gracia Olvera V., and Martinez Cruz, A. (2022). Availability of and visits to green areas in the Mexico City Metropolitan Area. In Reyes Plata, J. *Infraestructura verde y sostenibilidad urbana, contribuciones multidisciplinarias*, UNAM.

Villena, J., Boschman E., **Ávila-Forcada, S.** (2022). Daily travel behaviors and transport mode choice of older adults in Mexico City *Journal of Transport Geography*, 104, 103445

Sanjurjo-Rivera, E., Mesnick, S. L., **Ávila-Forcada, S.**, Poindexter, O., Lent, R., Felbab-Brown, V., ... & Sainz, J. F. (2021). An Economic Perspective on Policies to Save the Vaquita: Conservation Actions, Wildlife Trafficking, and the Structure of Incentives. *Frontiers in Marine Science*, 625.

Ávila-Forcada, S., Martinez-Cruz, A., Rodriguez, R., Sanjurjo-Rivera, E. (2020). Transitioning to alternative livelihoods: The case of PACE-Vaquita. *Ocean & Coastal Management*, 984.

Temkin, B., **Ávila-Forcada, S.**, Martinez, E. (2018). The differential impact of economic globalization and democracy on carbon emissions in rich and poor countries. *Revista Internacional de Contaminacion Ambiental*, 34(1), 169-183.

Ávila-Forcada, S., Martinez-Cruz, A., Muñoz Piña, C. (2012). Conservation of vaquita marina in the Northern Gulf of California *Marine Policy*, 36(3), 613-622.

Aguilar-Ibarra A., Perez-Espejo R. & **Ávila-Forcada, S.**, (2010). Economic Theory Solutions for Water Pollution-in Spanish. In *Water Quality, a Multidisciplinary Approach*. UNAM: Instituto de Investigaciones Economicas 36(3), 613-622.

Ávila-Forcada, S., Muñoz, C. & Guevara A., (2008). Avoiding aquifer degradation in Mexico: Analysis of decoupling the subsidy for the electric tariff of water pumping for agriculture. *Gaceta Ecologica*.

Ávila-Forcada, S., Muñoz, C. (2005). Electric Tariff: a Subsidy and its Consequences. *Bien Comun.*, 11 (131).

Ávila-Forcada, S., Muñoz, C. (2004). Effects of an environmental tax on pesticides in Mexico. *Industry and Environment.*, 27(2), 33-36.