

Omar I. Asensio
Assistant Professor
Georgia Institute of Technology
404-385-5703
asensio@pubpolicy.gatech.edu

(a) Professional Preparation

University of Southern California, Chemistry (minor in Philosophy)	B.S. 2002
University of Southern California, Materials Engineering	M.S. 2005
UCLA, Environmental Science & Engineering	Doctorate, 2015
UCLA, Anderson School of Management Ziman Center & Institute of the Environment and Sustainability	Postdoc, 2015-2017

(b) Appointments

Assistant Professor, Georgia Institute of Technology, School of Public Policy 2017-Present
Faculty Affiliate, Institute for Data Engineering and Science
Faculty Affiliate, Machine Learning Center
Faculty Affiliate, Strategic Energy Institute
Faculty Affiliate, Climate and Energy Policy Laboratory

(c) Products

Most Closely Related to the Project

1. **Asensio, O.I.** and Delmas, M.A. (2015) “Nonprice incentives and energy conservation.” *Proceedings of the National Academy of Sciences*, 112(6): E510-E515.
2. **Asensio, O.I.** and Delmas, M.A. (2017) “The effectiveness of U.S. energy efficiency building labels.” *Nature Energy*, 2: 17033
3. **Asensio, O.I.** (2019) Correcting consumer misperception. *Nature Energy*, 4, 823-824.
4. **Asensio, O.I.**, Alvarez, K., Dror, A., Wenzel, E., Hollauer, C., & Ha. S. (2020) Real-time data from mobile platforms to evaluate sustainable transportation infrastructure. Forthcoming at *Nature Sustainability*.
5. Alvarez, K., Wenzel, E., Dror, A. and **Asensio, O.I.** (2019) Evaluating electric vehicle user mobility data using neural network based language models. Transportation Research Board annual meetings, 19-05863, Current Issues in Alternative Transportation Fuels and Technologies.

Other Significant Products and Publications

1. Ha, S., Marchetto, D.J., Burke, M.E., and **Asensio, O.I.** (2020) “Detecting behavioral failures in emerging electric vehicle infrastructure using supervised text classification algorithms. Transportation Research Board annual meetings, 20-03461, Current Issues in Alternative Transportation Fuels and Technologies.
2. **Asensio, O.I.** and Walsh, S.E. (2018) “Mobile apps for workplace charging: A big data field experiment in electric vehicles” *Academy of Management Big Data Conference Proceedings: Managing in a Digital Economy*. Algorithmic Platform Strategies, Volume Surrey, UK (April 2018)
3. **Asensio, O.I.** and Delmas, M.A. (2016) “The dynamics of behavior change: evidence from energy conservation.” *Journal of Economic Behavior and Organization*, 126(A): 196-212.
4. Delmas, M.A., Fischlein, M and **Asensio, O.I.** (2013) “Information strategies and energy conservation behavior: A meta-analysis of experimental studies from 1975 to 2012” *Energy Policy*, 61: 729-739.
5. [Code] **Asensio, O.I.** et al. (2018): Convolutional neural networks for evaluating large scale sustainable transportation infrastructure, Repository first release. Available on Github <https://github.com/asensio-lab/popular-sentiment-electric-vehicle-drivers-united-states>

(d) Synergistic Activities

- Recipient of the Association for Public Policy Analysis and Management (APPAM) 40 for 40 fellowship for early career contributions to the field of public policy (2018)
- Recipient of the ONE-NBS Research Impact on Practice Award (RIPA) by the Academy of Management Organizations and the Natural Environment (ONE) Division (2015);
- Served as Co-Chair of the Machine Learning in Science and Engineering Conference (MLSE) Policy track sessions (2018, 2019);
- Served as NSF Panelist for Social, Behavioral and Economic Sciences (SBE) Directorate (2019) and the Cyber-Physical Systems (CPS) Directorate (2019);
- Broadening Participation: *Participant, The California Alliance*: NSF AGEP program to increase diversity in STEM.