

**Omar I. Asensio**  
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**(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**

<i>Assistant Professor</i> , Georgia Institute of Technology, School of Public Policy 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	2017-Present
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**(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. *Nature Sustainability*, 3: 463-471.
5. 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.

### ***Other Significant Products and Publications***

1. **Asensio, O.I.**, Mi, X. and Dharur, S. (2020) Using machine learning techniques to aid environmental policy analysis: a teaching case regarding big data and electric vehicle charging infrastructure. *Case Studies in the Environment*. University of California Press.
2. Marchetto, D.J., Ha, S., Dharur, S. and **Asensio, O.I.** (2020) Extracting user behavior at electric vehicle charging stations with transformer deep learning models. *CARMA 2020, Internet and Big Data in Economics and Social Sciences*. (July 2020)
3. **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)
4. **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.
5. 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.

### **(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)
- Served as NSF Panelist for Social, Behavioral and Economic Sciences (SBE) Directorate (2019) and the Cyber-Physical Systems (CPS) Directorate (2019);
- 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);
- Broadening Participation: *Participant, The California Alliance*: NSF AGEP program to increase diversity in STEM.