

Chad Zanocco

Research Engineer

Civil and Environmental Engineering

Bio

ACADEMIC APPOINTMENTS

- Research Engineer, Civil and Environmental Engineering

Publications

PUBLICATIONS

- **Removing the negative impact of the cannibalization effect on PPAs through accumulation** *ENERGY POLICY*
Tichy, M., Miltner, M., Stogl, O., Zanocco, C., Bems, J.
2026; 212
- **Nationwide insights on solar deployment trends and spatial inequalities revealed by vision transformer models** *APPLIED ENERGY*
Prabha, R., Wang, Z., Zanocco, C., Flora, J., Rajagopal, R.
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- **Built environment disparities are amplified during extreme weather recovery.** *Nature*
Huang, T., Zanocco, C., Wang, Z., Hwang, J., Rajagopal, R.
2025
- **Large language model enabled knowledge discovery of building-level electrification using permit data** *ENERGY AND BUILDINGS*
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- **Unified 0.25-degree gridded infrastructure-critical extreme weather for the United States from 1979 to 2100.** *Scientific data*
Sun, T., Zanocco, C., Flora, J., Sheshadri, A., Rajagopal, R.
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- **Solar and batteries are affordable options for US households** *NATURE ENERGY*
Sun, T., Feng, Y., Zanocco, C., Flora, J., Majumdar, A., Rajagopal, R.
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- **Solar and battery can reduce energy costs and provide affordable outage backup for US households** *NATURE ENERGY*
Sun, T., Feng, Y., Zanocco, C., Flora, J., Majumdar, A., Rajagopal, R.
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- **Roof renewal disparities widen the equity gap in residential wildfire protection.** *Nature communications*
Reining, S., Wussow, M., Zanocco, C., Neumann, D.
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- **Novel Algorithm to Solve the Constrained Path-Based Testing Problem**
Klima, M., Bures, M., Miltner, M., Zanocco, C., Fraser, G., Schweikl, S., Feldmeier, P.
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- **CPT Manager: An Open Environment for Constrained Path-Based Testing**

Klima, M., Bures, M., Holotik, D., Herczeg, M., Miltner, M., Zanocco, C.
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- **Electric vehicles as facilitators of grid stability and flexibility: A multidisciplinary overview** *WILEY INTERDISCIPLINARY REVIEWS-ENERGY AND ENVIRONMENT*
Stogl, O., Miltner, M., Zanocco, C., Traverso, M., Stary, O.
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- **Comparing public and scientific extreme event attribution to climate change** *CLIMATIC CHANGE*
Zanocco, C., Mote, P., Flora, J., Boudet, H.
2024; 177 (5)
- **Exploring the potential of non-residential solar to tackle energy injustice** *NATURE ENERGY*
Wussow, M., Zanocco, C., Wang, Z., Prabha, R., Flora, J., Neumann, D., Majumdar, A., Rajagopal, R.
2024
- **Time of use pricing and likelihood of shifting energy activities, strategies, and timing** *ENERGY POLICY*
Muttaqee, M., Stelmach, G., Zanocco, C., Flora, J., Rajagopal, R., Boudet, H. S.
2024; 187
- **Assessing public attitudes towards urban green spaces as a heat adaptation strategy: Insights from Germany** *LANDSCAPE AND URBAN PLANNING*
Sousa-Silva, R., Zanocco, C.
2024; 245
- **Mapping the Depths: A Stocktake of Underground Power Distribution in United States**
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- **Extreme heat experience influences public support for local climate adaptation policies in Germany** *URBAN CLIMATE*
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- **Food retail environments, extreme weather, and their overlap: Exploratory analysis and recommendations for U.S. food policy.** *PLoS one*
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- **The effect of policy narratives on policy elite versus public preferences for hydraulic fracturing regulation** *REVIEW OF POLICY RESEARCH*
Galloway, B., Zanocco, C., Song, G., Jones, M.
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- **Trial by Fire: Support for Mitigation and Adaptation Policy after the 2020 Oregon Wildfires** *WEATHER CLIMATE AND SOCIETY*
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- **Minors Can Have Major Effects: Household Hurricane Preparation Insights from Alabama** *SOCIETY & NATURAL RESOURCES*
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- **Food Practice Lifestyles: Identification and Implications for Energy Sustainability.** *International journal of environmental research and public health*
Giordono, L. S., Flora, J., Zanocco, C., Boudet, H.
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- **Shelter from the storm: How perceived extreme event experience and government trust shape public support for climate change mitigation policy in the United States** *RISK HAZARDS & CRISIS IN PUBLIC POLICY*
Giordono, L., Zanocco, C., Peterson, H., Boudet, H.
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Zanocco, C., Stelmach, G., Giordono, L., Flora, J., Boudet, H.
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- **Cultural Worldviews and Political Process Preferences** *SOCIAL SCIENCE QUARTERLY*
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- **Place, proximity, and perceived harm: extreme weather events and views about climate change** *CLIMATIC CHANGE*
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