

Alfred P. Sloan Foundation Energy and Environment Program

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Program Director

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Views are my own and do not reflect those of the Sloan Foundation



**ALFRED P. SLOAN
FOUNDATION**

Driven by the promise of great ideas

About the Sloan Foundation

- Private, not-for-profit grantmaking institution based in New York City
- Founded in 1934 by Alfred P. Sloan Jr., President & CEO of General Motors
- We fund research and education in science, technology, engineering, mathematics and economics



Sloan Grant Programs

RESEARCH

- Economic Institutions, Behavior & Performance
- Energy & Environment
- Matter-to-Life
- Sloan Digital Sky Survey
- Tabletop Particle Physics
- Sloan Research Fellowships

TECHNOLOGY

- Better Software for Science
- Data & Computational Research
- Exploratory Grantmaking in Technology
- Scholarly Communication
- Universal Access to Knowledge

PUBLIC UNDERSTANDING

- Books
- Film
- Radio
- Television
- Theater
- New Media

HIGHER EDUCATION

- Diversity, Equity & Inclusion in STEM Higher Education

LOCAL

- New York City Program



Energy and Environment Program

Program Goal

- To inform the societal transition toward low-carbon energy systems in the United States by investigating economic, environmental, technological, and distributional issues

Thematic Areas of Investigation

- Energy Markets and Policy Analysis
- Net Zero Innovation and Negative Emissions Technologies
- Transportation and Mobility
- Energy and Distributional Equity
- Energy Systems and Climate Adaptation
- Industrial Decarbonization



Energy and Environment Program

Outcomes

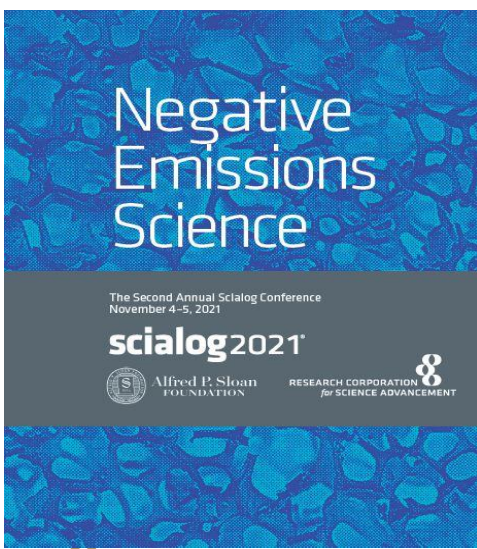
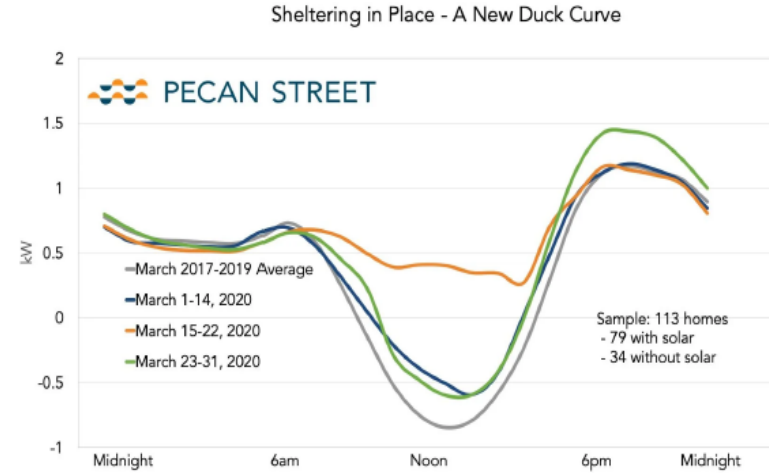
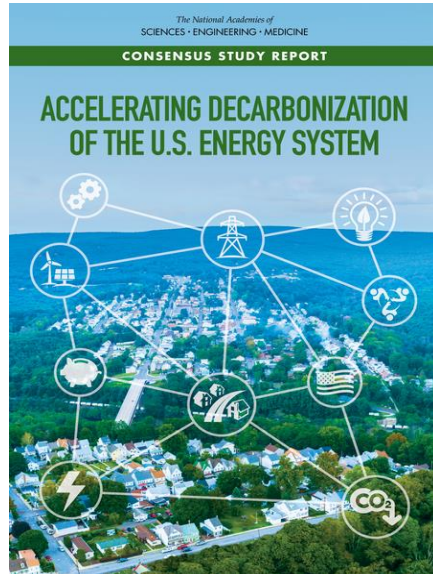
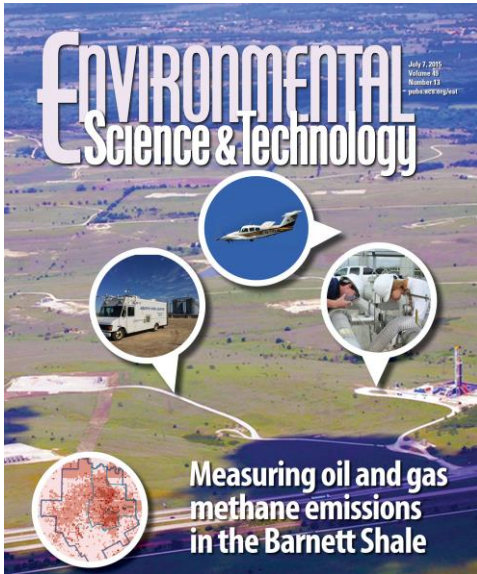
- Generate Novel Research
- Train the Next Generation of Scholars and Practitioners
- Build Multidisciplinary Networks
- Disseminate Information for Decision-making

Approach

- Interdisciplinary, Integrative, and Collaborative
- Leadership by Early- and Mid-Career Researchers
- Linking Research with Practice
- Timely, Catalytic, and Gap-Filling
- Facilitating Partnerships with Other Funders



Influential Interdisciplinary Research Results



Shewmake natural gas bill will save consumers money and protect the environment

March 11, 2020
 Shewmake credits the idea for the bill to a groundbreaking economics paper written by Dr. Catherine Hausman, an economist at the University of Michigan. Dr. Hausman's research found not only that the incentives for utilities are backwards, but that when the human costs of climate change are factored into a cost-benefit analysis, the case for fixing leaks becomes urgent.