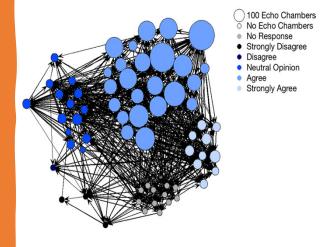
On Echo Chambers and Collective Action on Climate

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Source: Fisher, Dana R., Joseph Waggle, and Lorien Jasny. 2015. "Not a Snowball's Chance for Science." Contexts. Fall: 44-49.

How Elite Policy Networks Influence Climate Politics?

- Analyzes how state, market, and civil society actors negotiate their positions to address (or block efforts to address) climate change in the US.
- Assesses how they have evolved over time, focusing on political polarization, scientific information diffusion, influence and collaboration among policy elites working on climate

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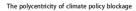
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Echo chambers in climate science

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Climatic Change https://doi.org/10.1007/s10584-019-02481-y





Dana R. Fisher 1 0 - Philip Leifeld 1

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Abstract

This pure builds on recent research on polycomic government and the Ecology of Gamests a manetarated cimate politics in the USA. Complementing previous work from 2016 to 2009, we map out the ideological networks of political actors engaged in the climate policy network using data from the US Congress as na amen of symbolic interaction. Our analysis distribles polycomic sites of ideological congruence and conflict in the discourse network on climate hange. Political actors from difficient levels and including second actor pages formed multiple centers that became hipolarized between the 112th and 114th secsions of the US Congress. This process took place in tradem with the increased participation of subaximal caters in the polycomic system. By the 114th secsion of the Congress—during which the 2016 decion took place—subastional policy actors, along with a diversity of other actors, contributed to an extremely polarized discussion of one of the central policies in the Comma Administration's Climate Action Plant the Clean Power Plant. This finding is remutable as the concept of polycomicity tends to be normatively associated with policy innovation, rather than stagantic. Our longational analysis demonstrates, using Discource Network. Analysis, how increased multi-level participation can be associated with policy blockage of progressive climate policies in the annualing policy innovation.

PLOS ONE

RESEARCH ARTICLE

Same old story with a different ending: Homophily and preferential selection of information within the US climate policy network

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Abstract

Citation: Jasny L, Jayko WC, Fisher DR (2024) Same old story with a different ending: Homophily and preferential selection of information within the US direate policy network, PLoS DNE 19(7): e0006454, https://doi.org/10.1371/journal, pone.0006454

ditor: Estyne Eze Anugworn, University of Nigeris IGERIA leceived: November 10, 2023 from the lakery of more contentions climate politics in the U.S. We apply social network from the lakery of more contentions contention between the content politics and positions. We emphrisely letted to from more politics and positions. We emphrisely letted to from the content politics and positions. We emphrisely letted from the content politics and the content politics. Using a politic all letter politics and positions. We provide observe ordering politics, Using Exponential Random Claraft (ERG) modeling, we provide observe ordering that the satisfactor for the politics and the politics and the social due to its altitly to controller that the stateous document from the politics and the polit

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SHED ONLINE: 25 MAY 2015 | DOI: 10.1038/NCLIMATE2666



An empirical examination of echo chambers in US climate policy networks

Lorien Jasny^{1,2}, Joseph Waggle³ and Dana R. Fisher³*

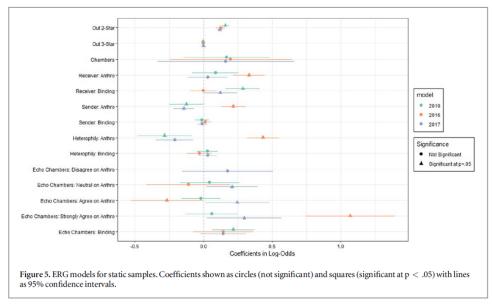
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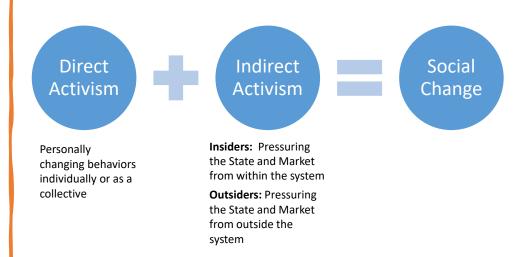
Main Findings and Significance to American Climate Politics

- Single information sources are amplified, distorting views of the state of the field
- Echo chambers amplify divergence from the consensus (but can also amplify the majority perspective)
- Science is cherry picked and minority positions can get caught in an echo chamber that can then affect policy outcomes.
- Explains how mainstream perspectives on science can flip-flop so significantly based on political ideology



Jasny, Lorien and Dana R. Fisher. 2019. "Echo Chambers in Climate Science." Environmental Research Communication. https://doi.org/10.1088/2515-7620/ab491c

Integrating Different Types of Collective Action





How effective are climate protests at swaying policy – and what could make a difference?

COGITATIO

Politics and Governance (ISSN: 2183-2463) 2021, Volume 9, Issue 2, Pages 112–123 DOI: 10.17645/pag.v9i2.3801

Shifting Coalitions within the Youth Climate Movement in the US

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Submitted: 30 October 2020 | Accepted: 22 December 2020 | Published: 28 April 2021

Abstract

How has the youth dimate movement in the US grown since the Climate Strikes began and in what ways did it change as ingrea? This article takes advantage of a unique disasset that holdest surveys from activities who organized the national region of the control of the

FOCUS ARTICLE

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Climate activism and its effects

Dana R. Fisher 🌼 | Sohana Nasrin 🕏

Abstract
As activism including climate strikes have become a common occurrence
around the world, it is important to consider the growth in climate changefocused activism and participation in social movements as a specific type of
civic engagement. Although studies have analyzed climate activism and the
climate movement, there is limited research that integrates it into the broader literature on civic engagement and which considers how these forms of engagement are related to specific climate outcomes. Here, we take a first step in understanding the material outcomes of these efforts. Specifically, we pro-vide an overview of climate-related activism as a form of civic engagement, paying particular attention to the targets of this activism and its environmental outcomes in terms of greenhouse gas emissions reductions. Then, we focus on one of the most common tactics to gain momentum in recent years: the school one of the host continuous activation gain information in recent years, the school strike, which has mobilized a growing number of participants around the world. We discuss how the Coronavirus pandemic has changed the climate movement with much activism moving online. We conclude by discussing the overall state of the knowledge about the outcomes of climate activism, as well as highlighting the need for careful research to measure its effects across scale

This article is categorized under
Policy and Governance > Private Governance of Climate Change
The Social Status of Climate Change Knowledge > Climate Science and



How networks of social movement issues motivate climate resistance

Lorien Jasny a. 1, Dana R. Fisher b.

Findings from Studying the Climate Movement:

- Activism and engagement takes many forms (and should)
- Activism increasingly includes a radical flank that is more focused on disruption (but is not very radical compared to previous socials movements).
- Although unpopular, the radical flank of the climate movement has helped to create issue salience and mobilize more participate in moderate components of the movement
- The movement has been very consistent about motivations but needs to create community and true solidarity to expand its base



Recent Research Connecting Extreme Events and Climate Action (and research needs)

- Recent studies document how experiencing Climate-Exacerbated Disaster mitigates partisan divide (Del Ponte et al. 2025; Chen et al. 2024; see also Garfin et al. 2024).
- Pilot project post LA Wildfires:
 - Aim of adding a social layer to the climate attribution work
 - Goal of understanding support for climate science and climate action including engagement
 - Preliminary conclusions:
 - Some support for recent research findings but we need much better methods for sampling and tracking individuals affected by climate shock (even in the US)

Thank you.

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