



SESYNC Feedbacks

News from the National Socio-Environmental Synthesis Center



SESYNC PODCAST | Science Stories Perfect for Travel

Have Some Holiday Travel Coming Up? Pass the Time by Listening to SESYNC's Succinct Science

Facing a long journey by plane, train, or automobile, to get to your holiday gathering? Find some entertainment/company on your travels with SESYNC's [series of audio interviews](#). Here, interdisciplinary researchers share their process and motivation for exploring a wide variety of socio-environmental topics—from food waste to natural disasters to environmental justice issues. Explore some of those conversations below:

Impact of Landowner Decisions on the Environment and All of Us

Who's really making the decisions about what happens on most of America's land, and how do those decisions affect us all? On this episode, Drs. Robyn Wilson and Rebecca Epanchin-Niell, break down their work on modeling land management decisions to improve environmental outcomes in the United States. (Warning: This episode may shock you.) [Learn more.](#)



Impact of Landowner Decisions on th...

Succinct Science—Audio Interviews from SESYNC • [By The National Socio-Environmental Synthesis Center \(SESYNC\)](#) • Jan 05, 2023



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How to Communicate Your Science | The 5 Key Steps

Scientists are changing the world, but are they communicating their work effectively? In this episode, learn about the five key steps to successful science communication with SESYNC's Alaina Gallagher, from setting clear goals to crafting a compelling message. [Learn more.](#)



How to Communicate Your Science | The 5 Key Steps

Succinct Science—Audio Interviews from SESYNC • [By The National Socio-Environmental Synthesis Center \(SESYNC\)](#) • Oct 31, 2024



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Accounting Human Behavior in Climate Models

Did you know that most climate models don't account for humans responding and adapting to climate change? In this episode, Dr. Brian Beckage, a professor of plant biology and computer science, and Dr. Katie Lacasse, an associate professor of psychology, discuss their efforts to create more accurate climate models by integrating human behavior (and why you should too). [Learn more.](#)



Accounting for Human Behavior in Climate Models

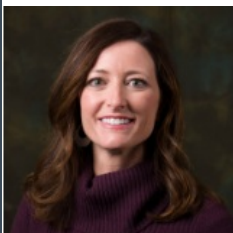
Succinct Science—Audio Interviews from SESYNC • [By The National Socio-Environmental Synthesis Center \(SESYNC\)](#) • Jul 28, 2022



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What Is Environmental Sociology?

Is the term "natural disaster" a misnomer? In this episode, Dr. Lori Peek, Director of the Natural Hazards Center at the University of Colorado Boulder, explains the crucial distinction between natural hazards and disasters. Dr. Peek highlights the role of social science in understanding how societal factors like inequality turn natural hazards into human disasters and what we can do to reduce harm from these events. [Learn more.](#)



What Is Environmental Sociology?

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Find the rest of SESYNC's [audio interview series here.](#)

QUALITATIVE & MIXED METHODS DATA | Resources

Navigating the Process of Using & Analyzing Qualitative & Mixed Data

Interdisciplinary synthesis research often involves the complex task of merging qualitative and quantitative data together into a usable format. Luckily, SESYNC has resources available to help guide researchers in tackling that integration to yield powerful results. Explore some of these resources below and find the rest of our [Quantitative & Mixed Methods Data Analysis Resources here.](#)

Qualitative Synthesis Methods: Critical

Interpretive Reviews, Narrative Reviews, Expert Opinions

This brief explainer article provides an overview of the three types of qualitative review approaches. Researchers can use these methods to further synthesis goals that may relate to elaborating perspectives or generating theory, rather than evaluating evidence to support a specific question. [Learn more.](#)



Quantitative Synthesis Methods: Literature Reviews (Systematic and Meta-Analyses), Expert Elicitation

This brief explainer article covers several syntheses methods for integrating diverse data sets. First, it describes syntheses methods based on analyses of published studies—both systematic reviews and meta analyses. It then introduces syntheses that rely on input from people considered to be highly knowledgeable about the topic under the general rubric of “expert opinion.” [Learn more.](#)



Approaches and Methods to Integrate Diverse Socio-Environmental Data

Using compelling, real-world examples, the video explains the need for highly heterogeneous data—both quantitative and unstructured qualitative data—and how to harmonize them for joint analysis. The examples also cover the use of relational and federated databases, textual analyses, topic modeling, sentiment analysis, qualitative case study analysis, systems dynamics, and agent-based modeling. [Learn more.](#)



NEW PUBLICATIONS | SESYNC in the Journals

"Unequal access to social, environmental and health amenities in US urban parks." Published in *Nature Cities* by Richelle L. Winkler, Jeffrey A. G. Clark, Dexter H. Locke, Peleg Kremer, Myla F. J. Aronson, Fushcia-Ann Hoover, Hogeum Evan Joo, Daniele La Rosa, KangJae Jerry Lee, Susannah B. Lerman, Hamil Pearsall, Timothy L. V. Vargo, Charles H. Nilon & Christopher A. Lepczyk. This paper resulted from the Pursuit, [A Socioecological View of Urban Green Spaces.](#)

CONTACT US | We Want To Hear From You!

We'd like to hear from you! Do you have updates or outcomes tied to your SESYNC research that would make for an interesting research spotlight? Are you looking for a resource on a topic that we haven't covered yet? Do you want to share an idea? Contact us at communications@sesync.org.

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