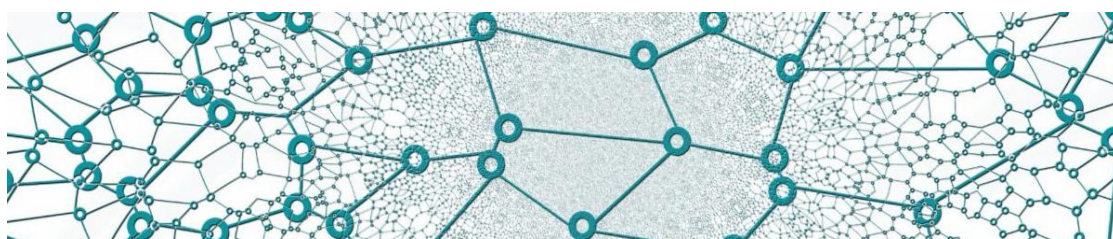




SESYNC Feedbacks

News from the National Socio-Environmental Synthesis Center

LIVESTREAMING SEPT 12-13 | International Networks-of-Networks Workshop



Join Us Via Livestream For the International Networks-of-Networks Workshop on Sept. 12-13

The **Developing International Networks-of-Networks Workshop** is focused on team science and the fundamentals of organizational management. The workshop prepares you to respond to the National Science Foundation's "Accelerating Research through International Network-to-Network Collaborations" (AccelNet) Call for Proposals, which funds the development of international networks-of-networks. Pre-registration required.

[Pre-register for this event today by clicking here.](#)

OPPORTUNITIES | Apply for Pursuits, Workshops and Postdoc Fellowships



Apply Now: Research Pursuits and Workshops

Proposals are due **Sept. 16, 2019** for the **Fall 2019 Request for Proposals (RFP)** for collaborative team-based research projects that synthesize existing data, methods, theories, and tools to address a pressing socio-environmental problem.

Below we list a few focal themes for the Fall 2019 RFP:

- Any Pressing Socio-Environmental Problem(s)
- Social and Environmental Dimensions of the Food-Water-Energy Nexus
- Global Change and Health
- Freshwater and Ecosystems in a Changing World
- Socio-Environmental Implications of Large-Scale Infrastructure Projects

[Here are some tips for applying to our Pursuits and Workshops.](#)

Environmental Science Research Assistant | Deadline Is Sept. 18

SESYNC is devoted to promoting interdisciplinary synthesis research on the sustainability of coupled human-natural systems, and is seeking a candidate to provide support for education and research programs. [Full details about this job posting can be found here.](#)

Grad Student RFP Open | Deadline Is Oct. 11

Our graduate research program invites proposals from highly-qualified graduate students interested in conducting [collaborative, socio-environmental synthesis research](#).

Postdoctoral Fellowship RFP Open | Applications Due Nov. 8

SESYNC announces its next postdoctoral fellow recruitment. We kindly ask that you explore our [Postdoc 2020 program](#) and share this information with recent PhDs, colleagues or departments especially strong in ecology, environment and social sciences. **Help us cultivate the next leaders and scholars of S-E research.**

The SESYNC Postdoctoral Fellowship Program recognizes highly-qualified postdoctoral fellows who will become leaders in interdisciplinary research and actionable science and focus on ecological, environmental and/or social topics. This program supports the scholarly efforts and immersion training of PhDs who wish to pursue careers in research and creative inquiry, and provides support for collaborative mentoring. Step-by-step application details for the program, requirements, and deadlines [can be found here.](#)

RESEARCH IN ACTION | Plants & Pests

Globalization of the Live Plant Trade

Informing efficient strategies for reducing non-native pest invasion risk.

Our new video featuring the [SESYNC Pursuit](#) led by Resources for the Future's

Rebecca Epanchin-Niell and Andrew "Sandy" Liebhold, of the U.S. National Forest Service, explains how an important pathway for invasions of non-native insect pests and diseases has historically caused significant damage to agriculture and natural resources. The team identified cost-efficient strategies for reducing the economic and environmental risks associated with invasive pests from movement of live plants and worked directly with regulators to help inform policy development while minimizing negative impacts on international trade.



SEMINAR SERIES | Join Us For Weekly Seminars

SESYNC Announces Fall 2019 Seminar Series

Our **Fall 2019 Seminar Series** begins this month. The program will include talks from environmental experts in fields such as ecology, biodiversity science, environmental history, public policy, remote sensing, and nutrition. Seminars are held on Tuesdays beginning at 11 a.m., unless otherwise noted. [Full seminar calendar is available here.](#)



Tuesday, Sept. 10

From the impacts of food waste to the intersection of human, animal, and environmental health join us for lightning talks presented by **SESYNC Postdoctoral Fellows**.

[Learn more](#)



Tuesday, Sept. 17

Toward sustainable diets: exploring environmental and social costs of consumption presented by **Dr. Nicole Tichenor Blackstone**, Tufts University.

[Learn more](#)



Tuesday, Sept. 24

A research agenda for socio-enviro science and security presented by **Dr. Geoff Dabelko**, Ohio University & The Honorable **Sharon Burke**, New America Foundation.

[Learn more](#)

Follow [@SESYNC](#) on social media to stay up to date on all exciting news and opportunities at the National Socio-Environmental Synthesis Center!



The National Socio-Environmental Synthesis Center (SESYNC) is #NSFfunded through a grant to the University of Maryland. SESYNC brings together the science of the natural world with the science of human behavior and decision-making. Let us help you get the word out.

Tag your SESYNC-related research [#NSFfunded!](#)



NEW PUBLICATIONS | SESYNC in the Journals

Measuring What Matters: Actionable Information for Conservation Biocontrol in Multifunctional Landscapes. Published in *Frontiers in Sustainable Food Systems* by Rebecca Chaplin-Kramer and colleagues as part of the Venture: [Decision-Support Tools for Pest Control.](#)

A Polluting Creed: Religion and Environmental Inequality in the United States. Published in *Sociological Perspectives* by Kevin Smiley part of the Pursuit [Computational Environmental Justice Analysis.](#)

The Forest Conservation Targeting Tool: Accessible spatial prioritization for Latin America and the Dominican Republic. Published in *SoftwareX* by Allen Blackman and colleagues as part of the Pursuit: [Policy Evaluation Tool.](#)

Consequences of intraspecific variation in seed dispersal for plant demography, communities, evolution and global change. Published in *AoB Plants* by Rebecca Snell and colleagues including former SESYNC postdoc Noelle Beckman and current SESYNC postdoc Evan Fricke. Ideas for the paper arose from the [Seed Dispersal Workshop](#) funded by NSF and held at SESYNC in 2016.

The environmental and socioeconomic trade-offs of importing crops to meet domestic food demand in China. Published in *Environmental Research Letters* by Guorui Huang and colleagues as part of the Pursuit: [Understanding dynamic environmental and socio-](#)

FROM THE ARCHIVES | Monarch Butterfly Decline



Photo courtesy Oriol Gascón via Flickr/Creative Commons

Monarch Butterflies in Decline

A team of SESYNC researchers mobilized citizen science data to better understand changing monarch populations.

Monarch butterflies are famous for their annual migration from southern Mexico to the eastern United States, which is one of the world's most complex insect migrations. The Eastern Monarch butterfly population has been declining for decades, and a 2015 SESYNC paper demonstrated that the rate of decline had increased to six times the previous rate since 2008. The lead author, Leslie Ries, was a SESYNC-supported researcher who led synthesis teams through a Workshop and Venture. The team mobilized citizen science data to compare winter and summer monarch populations and document the steep rate of decline.

[Complete Article Here](#)

This is part of our ongoing series to share our most popular stories from the SESYNC research archives.

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