



SESYNC Feedbacks

News from the National Socio-Environmental Synthesis Center

Job Opportunities

Science Communications Coordinator:

SESYNC is seeking a full-time, experienced science communications professional to lead communications activities.

[Details here](#). **Deadline extended, open until filled.**

Assistant Research Scientists:

SESYNC seeks applications for two Assistant Research Scientist positions. Each will contribute to leading, planning, organizing and managing SESYNC programs and activities primarily but not exclusively targeting young scholars.

[Details here](#). **Deadline November 27.**



Planetary boundaries for antibiotic and pesticide



Where are you likely to see your favorite plant or



Data to Motivate Synthesis in the Food-Energy-Water

resistance identified

animal in the wild?

Nexus

First assessment of planetary boundaries for antibiotic and pesticide resistance shows several already crossed.

[Read press release.](#)

Negative biotic interactions drive predictions of distributions for species from a grassland community.

[Read more from SESYNC postdoc.](#)

SESYNC has developed a platform and a facilitated process oriented around data discovery to motivate synthesis research in the food-energy-water (FEW) nexus.

[Call for applications.](#)

SESYNC Publications

A Sharing Meanings Approach for Interdisciplinary Hazards Research. Published in *Risk Analysis* by SESYNC postdoc Dean Hardy.

Deforestation risks posed by oil palm expansion in the Peruvian Amazon. Published in *Environmental Research Letters* by SESYNC postdoc Varsha Vijay.

The Natural Capital Accounting Opportunity: Let's Really Do the Numbers. Published in the *BioScience* by James Boyd and colleagues as part of the Pursuit, *Accounting for US Ecosystem Services at National and Subnational Scales.*

Governing fisheries in the face of change: Social responses to long-term geographic shifts in a U.S. fishery. Published in *Marine Policy* by Bradford Dubik and colleagues as part of the Graduate Pursuit, *Shifting Fish and Fishers.*

Impact of road salt on drinking water quality and infrastructure corrosion in private wells. Published in *Environmental Science and Technology* by Kelsey Pieper and colleagues including SESYNC postdoc Nate Jones.

Antibiotic and pesticide susceptibility and the Anthropocene operating space. Published in *Nature Sustainability* by Peter Sørensen and colleagues as part of the Pursuit, *Living with Resistance.*

Negative biotic interactions drive predictions of distributions for species from a grassland community. Published in *Biology Letters* by SESYNC postdoc Phillip Staniczenko, K. Blake Suttle, and Richard Pearson.

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