SESYNC Feedbacks

News from the National Socio-Environmental Synthesis Center

Postdoctoral Researcher Opportunity

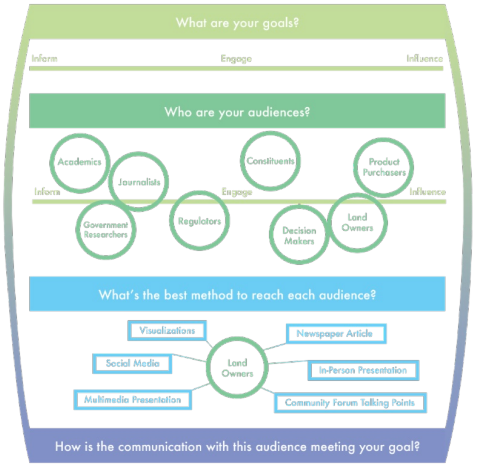
Spatial modeling of bird habitat responses to forest management

Start Date: Autumn 2019

A two-year postdoctoral position is available to work with Dr. Andrew Elmore and Dr. Matt Fitzpatrick at the SESYNC. The postdoc will lead the development of spatial modeling methods to understand and predict changes in habitat resulting from forest management practices throughout the central Appalachian Mountains. The position is ideally suited to researchers with interests in combining Light Detection and Ranging (LiDAR) and multispectral timeseries (Landsat) remote sensing with novel spatial modeling methods to better understand and forecast how organisms, and birds in particular, respond to changes in forest and landscape structure.

Apply by June 24.

New Communications Toolkit



Introducing a toolkit for communicating your SESYNC research. This toolkit guides synthesis teams on how to communicate research to a variety of audiences.

- A communication strategy will also exist on a continuum, too, to communicate results and translate findings to a variety of audiences and only you and your team can determine what level of engagement is necessary.
- No matter where your research and communication goals fall upon the spectrums, a communication strategy can be tailored to your specific needs.

Learn more about the toolkit and other communications resources.

Boundary Spanning Symposium: One Year Later

One year ago, SESYNC, in partnership with NSF and Resources for the Future (RFF), convened its 1st international symposium, Boundary Spanning: Advances in Socio-Environmental Systems Research. This event brought together 244 leaders, emerging scholars, and other key individuals interested in innovating research and processes for solving socio-environmental problems. Participants came from 23 countries and 37 states and Puerto Rico to learn, share, and collaborate around socio-environmental research.

Learn more about the Symposium themes.

Stories from the Center

Rethinking Climate Change

Exotic Pets Can Become

Hacking conservation: how

and Inequality	Pests with Risk of Invasion	a tech start-up aims to save biodiversity
Attributing global carbon emissions is complex. A geographer argues that we should pay greater attention to who profits.	As international exotic pet trade grows, a better understanding of forces driving the trade is needed to reduce the threat of new invasion events	Standard efforts have failed to slow the pace of extinctions, so Conservation X Labs is trying a fresh approach.
Read more about the seminar.	**Read the ESA press release.**	**Read news feature in Nature.**

SESYNC Publications

They're Back: Municipal Responses to the Resurgence of Bed Bug Infestations. Published in the ***Journal of the American Planning Association*** by Daniel Schneider as part of the Pursuit, *Socio-spatial Ecology of the Bed Bug and its Control* .

The global distribution of Bacillus anthracis and associated anthrax risk to humans, livestock and wildlife. Published in ***Nature Microbiology*** by former SESYNC postdoc Colin Carlson and colleagues.

Featured Collection Introduction: The Emerging Science of Aquatic System Connectivity II. Published in the the ***Journal of the American Water Resources Association*** by Lora Smith, SESYNC postdoc Nathan Jones, and Natalie Nelson.

Hacking conservation: how a tech start-up aims to save biodiversity . Published in ***Nature*** by SESYNC Senior Fellow Lisa Palmer.

When pets become pests: the role of the exotic pet trade in producing invasive vertebrate animals. Published in ***Frontiers in Ecology and Evolution*** by Julie Lockwood and colleagues as part of the Pursuit, *Linking Trade, Biology, and Pet Owner Decisions to the Risk of Vertebrate Invasions in the US*.

Geo-cultural Time: Advancing Human Societal Complexity Within Worldwide Constraint Bottlenecks-A Chronological/Helical Approach to Understanding Human-Planetary Interactions. Published in ***BioPhysical Economics and Resource Quality*** by Joel Gunn and colleagues as part of the Foundation,
If the past teaches, what does the future learn?

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