



SE SYNC Feedbacks

News from the National Socio-Environmental Synthesis Center

Opportunities at SE SYNC

Socio-Environmental Immersion Postdoctoral Fellowship Program:

Successful candidates will use synthesis methods to address a problem arising from, or associated with, the relationship between humans and nature.

Details [here](#). Apply by **October 24, 2018.**



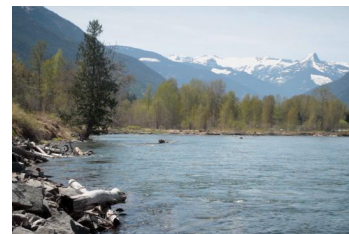
Natural habitat can help farmers control pests

Songbirds and coffee farms in Central America. Ladybugs and soybean fields in the Midwest. These are well-known, win-win stories



Wildfires are inevitable - increasing home losses, fatalities and costs are not

Shaped by ignitions, climate and fuels, wildfires are likely to become more frequent and severe with climate change.



Water & Governance

"Water is essential for life," states Barb Cosens in the new short documentary, *Water & Governance*. Water resources across the United States have become points of

of how conserving natural habitat can benefit farmers.

An international team of authors found that natural habitat surrounding farm fields is not always an effective pest-control tool for farmers worldwide.

[Read full press release.](#)

The 2017 experience of the largest and most damaging wildfires in California history, and ongoing destructive fires in 2018, provide a window of opportunity for learning to better coexist with wildfire.

[Read more from The Conversation.](#)

conflict for humans and non-humans who depend on water for life. But how did it get to this point? This question drove several legal scholars, human geographers and ecologists to work across disciplines to seek solutions.

[Watch the latest Research-in-Action video.](#)

Voices of SESYNC

To help navigate the effects of climate change on watersheds, an interdisciplinary team of researchers led by Barbara Cosens, University of Idaho, and Lance Gunderson, Emory University, assessed six water basins across the United States.



SESYNC asked Cosens about the importance of and driving questions behind this research.

[Read full interview on New Security Beat.](#)

SESYNC Publications

Lake regionalization and diatom metacommunity structuring in tropical South America. Published in *Ecology and Evolution* by SESYNC postdoc Xavier Benito and colleagues.

Grounding traffic: The cocaine commodity chain and land grabbing in eastern Honduras. By Kendra McSweeney and colleagues in *Geoforum*.

Wealthy countries dominate industrial fishing. Published in *Science Advances* by Douglas McCauley and colleagues as part of the Pursuit, *Fisheries & Food Security*.

Crop pests and predators exhibit inconsistent responses to surrounding landscape composition. By Daniel Karp and colleagues in *PNAS* as part of the Pursuit, *Decision-Support Tools for Pest Control*.

Twelve Questions for the Participatory Modeling Community. Commentary published by Rebecca Jordan and colleagues in *Earth's Future* as part of the Pursuit, *Participatory Modeling*.

Local extinctions of insular avifauna on the most remote inhabited island in the world. Published by Alexander Bond, SESYNC Postdoc Colin Carlson, and Kevin Burgio in the *Journal of Ornithology*.

Frontiers in socio-environmental research: components, connections, scale, and context. Published in *Ecology and Society* by Simone Pulver and

colleagues, including former SESYNC postdocs Steven Alexander and Jampell Dell'Angelo.

Impacts of forests on children's diet in rural areas across 27 developing countries. Publishes in *Science Advances* by Ranaivo Rasolofson and colleagues as part of the Pursuit, *Evaluating relationships among human health & welfare, ecological condition & natural resource governance.*

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