



SESYNC Feedbacks

News from the National Socio-Environmental Synthesis Center

Request for Proposals

Propose a Pursuit:

Teams applying as a Pursuit are invited to apply under the following three Themes:

- Understanding the Ecology Behind the Societal Benefits of Ecosystems
- Social and Environmental Dimensions of the Food-Energy-Water Nexus
- Sudden or Unexpected Events: Environmental Recovery, Reorganization or Restoration

[Details here](#). Apply by **October 22, 2018**.

Propose a Workshop:

Workshops may summarize and/or synthesize the state of the topic and/or identify future directions that have the potential to lead to a larger synthesis effort. Workshop applications are not required to fall under a Theme.

[Details here](#). Apply by **October 22, 2018**.

Graduate Pursuits:

SESYNC is particularly interested in Graduate Pursuit proposals that bring together diverse backgrounds and disciplines as well as diverse sources of data in novel, integrative ways.

[Details here](#). Apply by **November 2, 2018**.

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**.

Job Opportunity

Research and Evaluation Assistant:

SESYNC seeks a Research and Evaluation Assistant to join its research programs team in supporting SESYNC's research, evaluation, and monitoring efforts.

[Details here](#). Apply by **September 28, 2018**.



**Tips for Submitting
Your Research
Proposal**



**What is Actionable
Science?**



Data & Methods

SESYNC Welcomes Seven New Postdoctoral Fellows



Xavier Benito

Ph.D.: Ecology

Hometown: Tortosa (Catalunya, Spain)

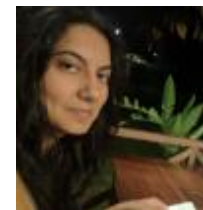
SESYNC Project: Critical transitions in Andean Socio-Environmental systems

Varsha Vijay

Ph.D.: Environmental Sciences

Hometown: Cedar Rapids, Iowa

SESYNC Project: The Effectiveness of Protected Areas in Meeting Ecological and Socio-economic Goals of Conservation



Se Jong Cho

Ph.D.: Environmental Management and Engineering

Hometown: Seoul, Korea

SESYNC Project: Evaluation and projection of global landcover change and impacts on water resources

Quentin Read

Ph.D.: Ecology and Evolutionary Biology

Hometown: Durham, North Carolina

SESYNC Project: Ecological impacts of food waste



Lauren White

Ph.D.: Ecology, Evolution & Behavior

Hometown: Leesburg, Virginia

SESYNC Project: Integrating host movement, genomic, and spatial data to understand the effects of human-altered landscapes on pathogen spread

Kelly Jones

Ph.D.: Nursing

Hometown: Colorado Springs, CO

SESYNC Project: Climate and Health: What is the role of the neighborhood environment in children's respiratory health outcomes?



Evan Fricke

Ph.D.: Ecology

Hometown: Montana

SESYNC Project: The role of animals in mediating plant global change responses

Updates from Cyberhelp



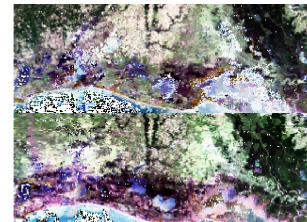
New Look for the Files Portal

SESYNC is upgrading the web gateway to the data directory allocated to funded projects! The upgrade will improve support for **syncing files** between your computer and SESYNC's file storage.



From SESYNC to Jupyter

The latest addition to SESYNC's cyberinfrastructure - rolling out on September 20th - is a JupyterHub gateway for Python based data analysis and visualization. [Learn more about Jupyter.](#)



Raster Change Detection Analysis with Two Images

This blog provides a simple example of change detection analysis using remotely sensed images from two dates. [Read post on the CyBlog.](#)

SESYNC in the News

Saltmarsh Sparrows Fight to Keep Their Heads Above Water

New York Times piece featuring research from [2017 paper](#) by SESYNC postdoc Christopher Field.

SESYNC Publications

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 Jampel Dell'Angelo.

Pet problems: Biological and economic factors that influence the release of alien reptiles and amphibians by pet owners. Published in *Ecology and Society* by Oliver Stringham and Julie Lockwood as part of the Pursuit, *Linking Trade, Biology, and Pet Owner Decisions to the Risk of Vertebrate Invasions in the US.*

Tools and methods in participatory modeling: Selecting the right tool for the job . Published in *Environmental Modelling and Software* by Alexey Voinov and colleagues as part of the Pursuit, *Participatory Modeling.*

Social Norms, Yard Care, and the Difference between Front and Back Yard Management: Examining the Landscape Mullets Concept on Urban Residential

Lands. By SESYNC postdoc Dexter Locke and colleagues, including SESYNC scholar Morgan Grove, in *Society and Natural Resources*.

Understanding the Nexus Between Hydrological Alteration And Biological Invasions. Chapter in *Multiple Stressors in River Ecosystems* by former SESYNC postdoc Albert Ruhi and colleagues.

Cross-discipline evidence principles for sustainability policy . Published in *Nature Sustainability* by Edward Game and colleagues including former SESYNC postdoc Steven Alexander.

Achieving the promise of integration in social-ecological research: a review and prospectus. Published in *Ecology and Society* by Angela M. Guerrero and colleagues, including former SESYNC postdocs David Gill and Neil Carter.

GET MORE SESYNC

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