



SESYNC Feedbacks

News from the National Socio-Environmental Synthesis Center



LESSON PLANNING | Resources for Teaching & Learning

Doing Lesson Planning for Next Semester?

SESYNC's learning resources are perfect for **use in the classroom**. Whether you're seeking supplemental literature, illustrative case studies, explanatory video tutorials, or full lesson plans, **SESYNC offers a variety of open-access resources on sustainability topics designed for undergraduates and above**—perfect for integrating into both new and existing courses.

Looking to give learners an informal, non-technical introduction to a sustainability-related topic, concept, or methodology? Then, check out our **Explainers**—like these on:

- **Feedback Loops and Socio-Environmental Systems**
- **Socio-Environmental System Change and Reorganization**
- **Landscape and Spatial Ecology**



Want to give a different perspective on a sustainability-related discipline from an expert in that field? Our **Learning Materials** showcase



different dimensions of sustainability science through videos, PowerPoints, audio interviews, and more:

- **Foundations of Environmental Anthropology**
- **Applying Environmental Economics to Policy**
- **Critical Political Ecology**

Looking for interactive activities to engage students in one or more class sessions? Our **Lessons** provide structured content on sustainability for undergrads and above. For example:

Looking at environmental justice, this lesson has learners build integrative **green infrastructure** development plans based on their assigned city's strengths, needs, and challenges.



Alternatively, this lesson on **sustainable aquaculture** has learners adopt specific personas to explore the needs and priorities of diverse stakeholders in the development of global aquaculture.

Learn more about **our resource types** and explore the **full resource collection**.

Have suggestions for resources you'd like to see? Contact us at communications@sesync.org.

SAVE THE DATE | Next Modeling Webinar Coming in February

Our Modeling Webinar Series Continues February 15, 2023

Mark your calendars for the next webinar in our socio-environmental modeling series on the "Use of Systems Thinking Archetypes in Socio-Environmental Modeling." More details to come soon. **Register here** to put it on your calendar now.

In the meantime, familiarize yourself with archetypes and how archetype analysis can be useful in the context of socio-environmental systems through this SESYNC Explainer written by Margaret Palmer: **System Archetypes for Understanding and Solving Sustainability Problems**



Be sure to subscribe to [SESYNC's YouTube channel](#) to receive notifications whenever we add new videos!

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NEW PUBLICATIONS | SESYNC in the Journals

"Plant communities in Chicago residential neighborhoods show distinct spatial patterns." Published in *Landscape and Urban Planning* by Emily Minor, former SESYNC postdoc Bianca Lopez, Alexis Smith, and Philip Johnson.

"Acknowledging Cocaine Capital in Central American Development." Published in *Journal of Illicit Economies and Development* by Zoe Pearson, Alexandre Skiba, Kendra McSweeney, Erik Nielsen, and Justin Piccorelli. This paper resulted from the Pursuit Landscapes in Transformation.

"Gaps in adoption and implementation limit the current and potential effectiveness of zero-deforestation supply chain policies for soy." Published in *Environmental Research Letters* by former SESYNC postdoc Florian Gollnow and colleagues, Federico Cammelli, Kimberly M. Carlson, and Rachael D. Garrett.

"Leakage does not fully offset soy supply chain efforts to reduce deforestation in Brazil." Published in *Nature Communications* by Nelson Villoria, Rachael Garrett, former SESYNC postdoc Florian Gollnow, and Kimberly Carlson.

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