



SESYNC Feedbacks

News from the National Socio-Environmental Synthesis Center



UMBRELLA TOPICS | Finding Your Focus

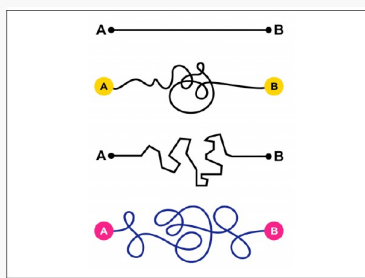
Do you want to learn more about a specific discipline or methodology as it relates to socio-environmental (S-E) systems? Then check out some of SESYNC's curated collections, under our learning materials, highlighted below. We've carefully grouped some of our resources under several useful umbrella topics, such as **modeling**, **quantitative and qualitative data synthesis methods**, **networks**, **anthropology**, and **economics**. Learn more below!

Socio-Environmental Systems Modeling

Interested in modeling socio-environmental systems but not sure how to begin? This collection of resources—including videos, explainer articles, lessons, and case studies—covers the basics of modeling socio-environmental systems. Materials overview the benefits, challenges, various approaches, and key considerations to modeling socio-environmental systems. View the full collection [here](#) and see some example materials below.



Video Tutorial: Selecting a Modeling Approach for Solving a Socio-



Explainer: Modeling and Socio-Environmental Systems: Introduction and



Video Tutorial: Incorporating Behavior in Socio-Environmental

Environmental Problem



Article: [The Earth has humans, so why don't our climate models?](#)

Common Terminology



Article: [Tools and methods in participatory modeling: Selecting the right tool for the job](#)

Systems Modeling



Article: [Exploring sprawl: Results from an economic agent-based model of land and housing markets](#)
Author links open overlay panel



Anthropological Approaches to Socio-Environmental Systems

Understanding how human behavior factors into environmental issues is critical for finding potential solutions. Anthropology, also known as the study of humanity, can provide key insights into humans' role in shaping the environment—both past and present. This collection contains resources that aim to explain the foundational theories of anthropology, the application of anthropology to socio-environmental systems, and some of the methods that anthropologists use. View the full collection [here](#) and see some example materials below.



Lecture & Supporting Materials: [Foundations and Debates in Anthropology](#)



Lesson: [Introduction to the Methods of Anthropologists](#)

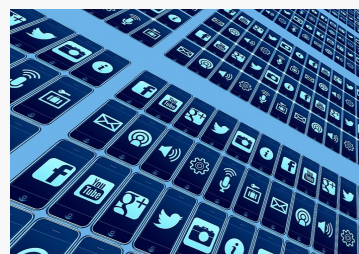


Lecture & Supporting Materials: [Anthropological Research Methods](#)



Critical Discourse Analysis Resources

This series of resources on Critical Discourse Analysis (CDA) covers a range of approaches to the critical appraisal of written and visual discourse. The resources not only provide an overview of the basics of CDA but also give users examples of how to apply CDA to deconstruct narratives about the environment. View the full collection [here](#).



Explainer: Critical Discourse Analysis: What Is It?

Lesson: Critical Discourse Analysis: Postcolonial African Pastoralism

Explainer: Critical Discourse Analysis: Artificial Intelligence, Social Network, & Social Media Analysis

NEW PUBLICATIONS | SESYNC in the Journals

"Simulating socio-hydrological responses to climatic conditions in Phoenix, Arizona." Published in *Journal of the American Water Resources Association* by former SESYNC postdoctoral fellow Renee Obringer and colleague Dave D. White.

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