

Ecosystem Federalism: Building theoretical and data-analytic foundations for designing adaptive regulatory institutions for the provision of ecosystem services

NIMBioS/Baker Center Working Group, Meeting 3, December 10-12, 2018

Broad Objective:

Develop a general, multi-disciplinary framework for understanding how the degree of regulatory centralization in a federal system influences socio-ecological systems.

Specific Aims for Working Group:

- 1) Develop a theoretical approach to ecosystem federalism that will quantitatively characterize the tradeoffs presented by centralized or decentralized approaches to ecosystem management
- 2) Address the following specific challenges:
 - a. optimal spatial–dynamic allocation or regulatory policies that are empirically grounded
 - b. dynamic interactions among multiple levels of government
 - c. strategic behavior in models of multiple ecosystem states variables and/or decision making agents
- 3) Identify a set of criteria in which spatial-dynamic externalities have a discernable effect on federal- and state-level management.
- 4) Quantify/characterize the effect of information and learning on management decisions at the local, state, and federal levels.

Schedule:

	Monday December 10	Tuesday December 11	Wednesday December 12
8:00	Breakfast at NIMBioS	Breakfast at NIMBioS	Breakfast at NIMBioS
9:00	Welcome & discussion: subgroup progress	Breakout groups	Breakout groups
10:00	Coffee break	Breakout groups	Breakout groups
11:00	Breakout groups	Coffee break	Coffee break
12:00	Lunch at NIMBioS	Lunch at NIMBioS	Lunch at NIMBioS
1:00	Breakout groups	Breakout groups	Depart
2:00			

3:00			
	Coffee break	Coffee break	
4:00	Group reports	Group reports	
5:00			
	Reception	Break	
	7 pm Dinner	7 pm Dinner	

Day 1 Goals:

- Revisit breakout group progress (essentially a monthly update since we missed our last one)
- Are there new aspects of federalism that we would like to discuss and potentially create a new breakout group? What aspects of federalism are not currently being addressed by any of the breakout groups that someone would like to dive into?
- Forward progress on subgroups

Day 3 Goals:

- Update groups on progress
- Scope a synthesis paper on the topic
- What are the overall goals for progress after the meeting?
- What are the specific goals for each person after the meeting?