Process Model Advances

- "Process": disciplinary view
- Great data, methodological to get them
- Models: Fitting (trend-fitting), to explaining (theory-based)
- "Interdisciplinary", but limited

Cross-projects

- Agriculture/survey/micro – test behavioral hypotheses, e.g. effect of roads
- Regional comparisons, e.g. Article 27
- Projects ripe for more interdisciplinary work (data and/or science questions)

Current Obstacles

- Conceptual:
  - Scale issues (processes, aggregation, feedbacks)
  - Institutions and other "story" issues
- Methodology:
  - Right data for social science?
  - Spatial econometrics
  - More approaches, eg cellular automata

Chapters

1. History of lu/lcluc, interdisciplinary theories/models

2. Ultimate goal of process models, how to get there, how far we've gotten, what we've learned, what we're still missing. (Everything we just said).

Future Stuff

- Where to look? "Hotspots", ecological, economic, cultural, institutional – signals: migration, capital flows, institutional changes
- Thresholds: ecological & social
- Vulnerability
- LCLUC science is important for more than just carbon.