

# Landscape Ecology

*Ecology:* The interaction of organisms with their environment (Tansley 1935)

*Environments:* Spatially (and temporally) structured containers that vary across a range of scales (Levin 1992).

Organism interactions are influenced by both the *composition* and *structure* of the landscape within which they exist.

**Landscape Ecology** focuses on the interaction of spatial patterns ecological processes.

- Heavy focus on quantitative descriptions of pattern ↔ process