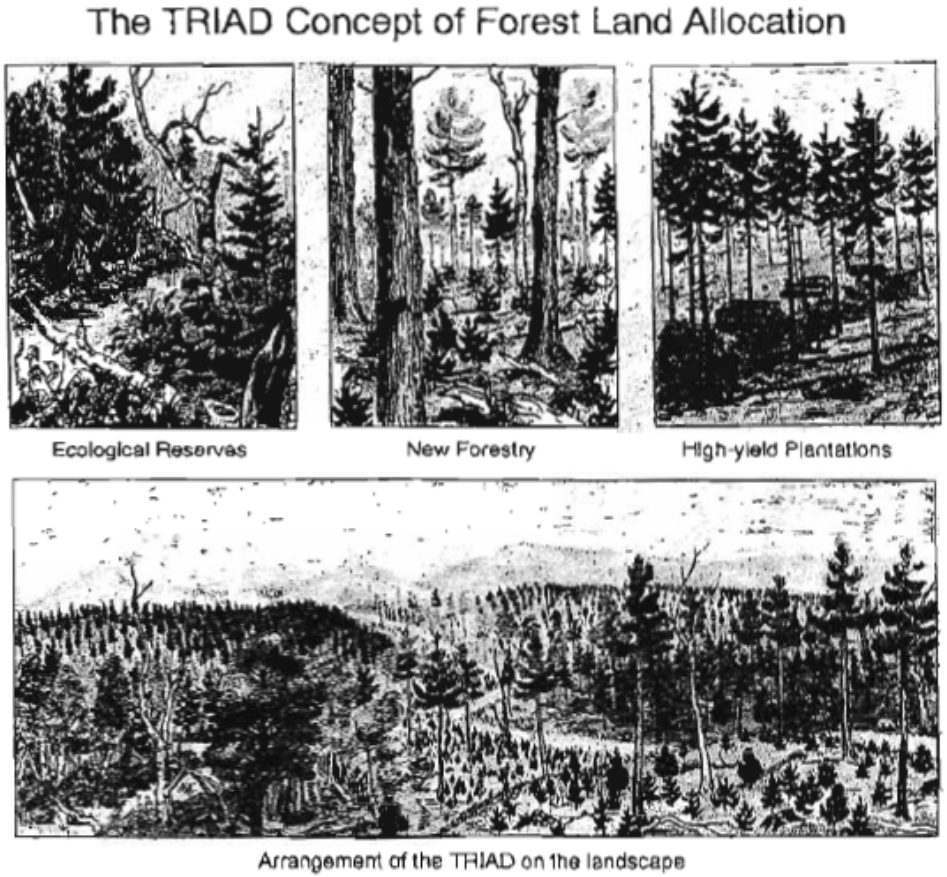
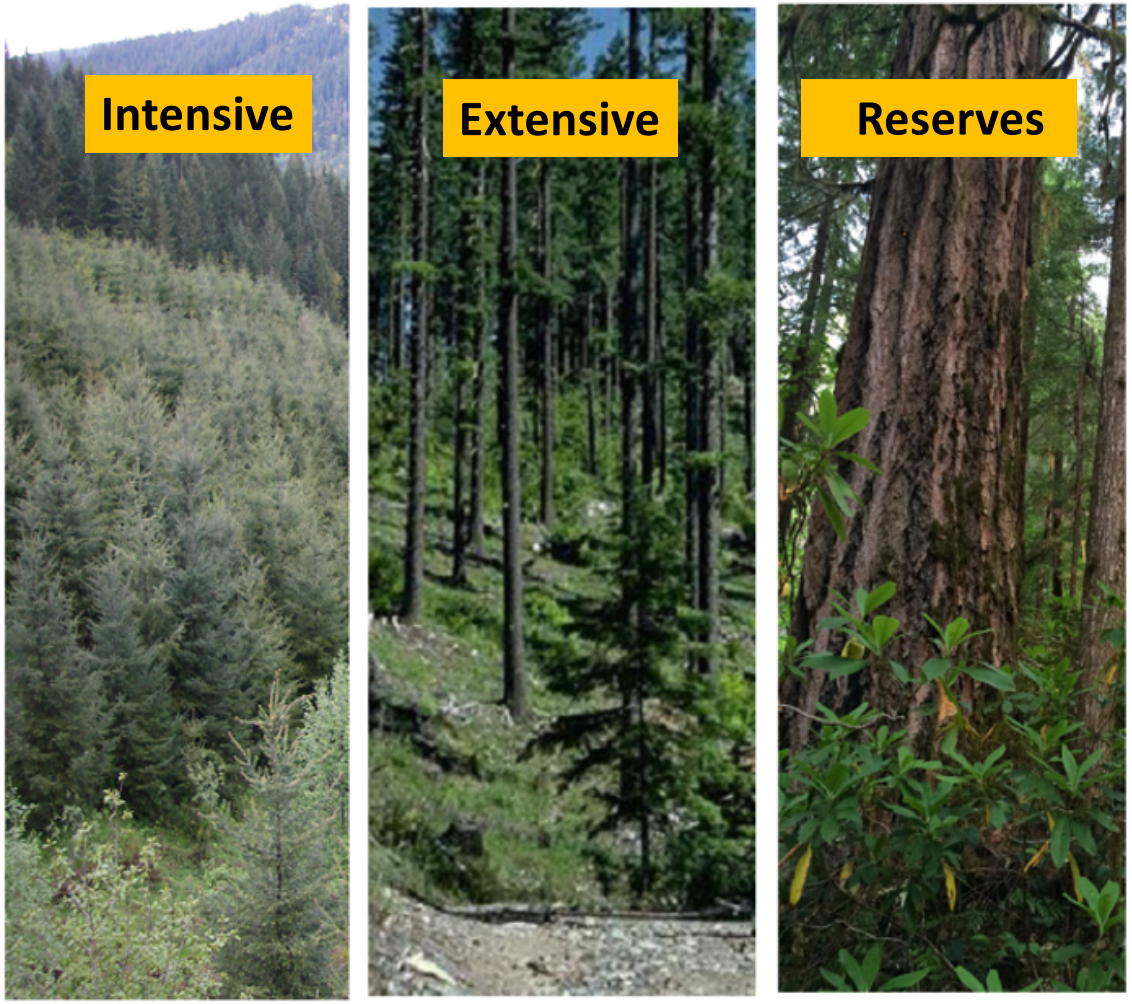
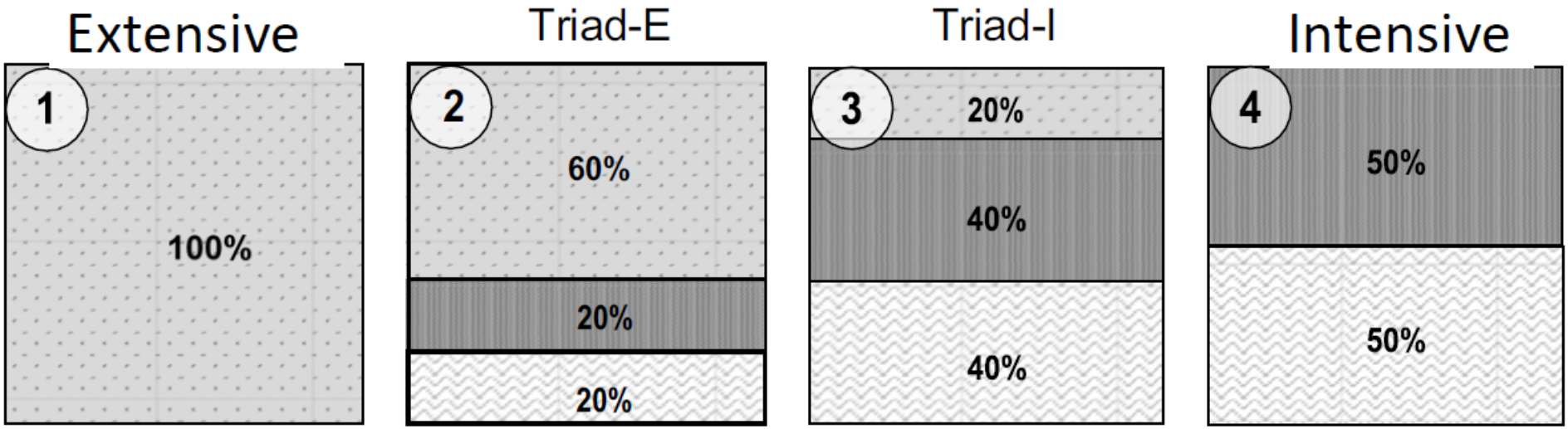


Figure 1. The Triad Approach to Forest Land Allocation

Seymour, R.S., and M.L. Hunter Jr. 1992. New forestry in eastern spruce-fir forests : Principles and applications to Maine. Maine Agricultural and Forest Experiment Station Miscellaneous Publication 716.

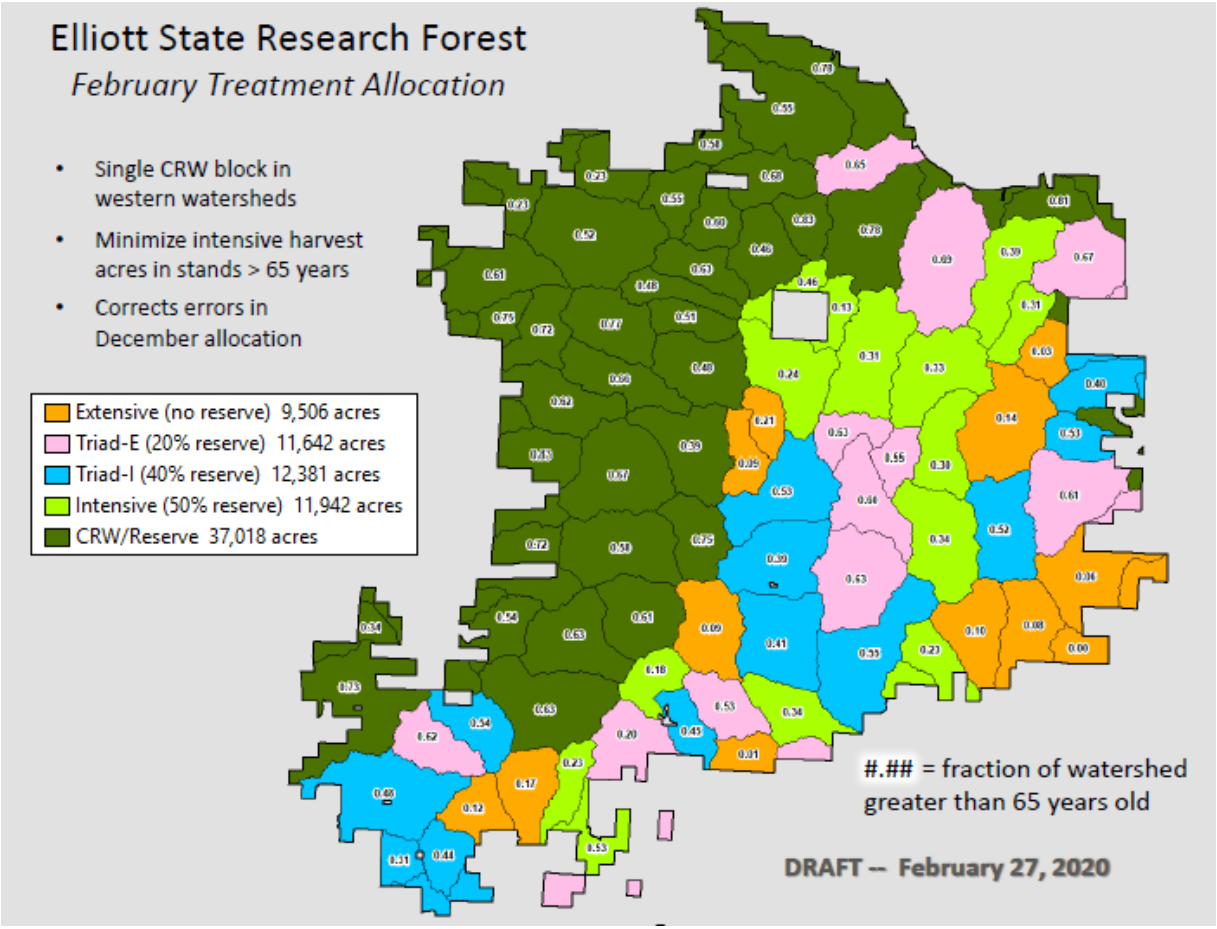


Courtesy of M. Betts



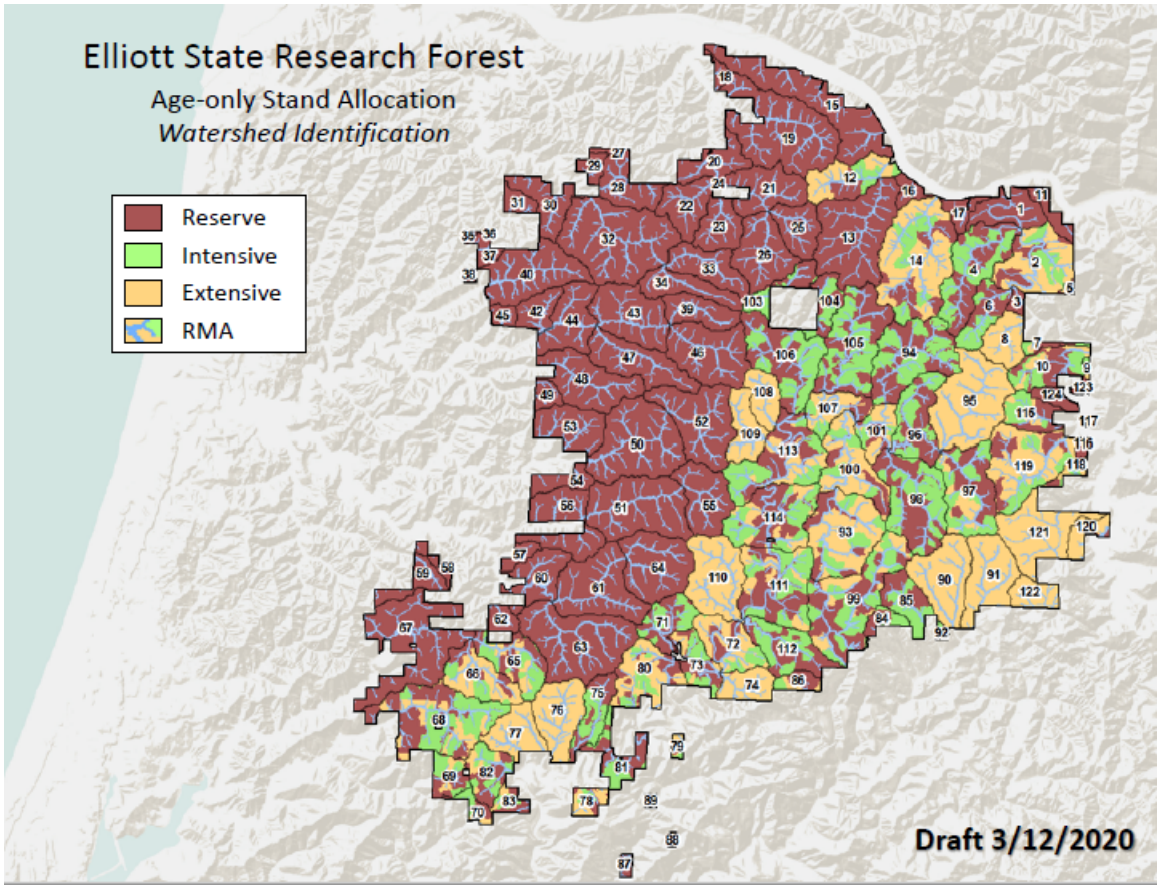
Land sharing ⟷ **Land sparing**

Intensive (I) Extensive (E) Reserves (R)



Treatments:

- **46 sub watersheds**
- **400 to 2000 acres**
- **assignment influenced by current conditions**

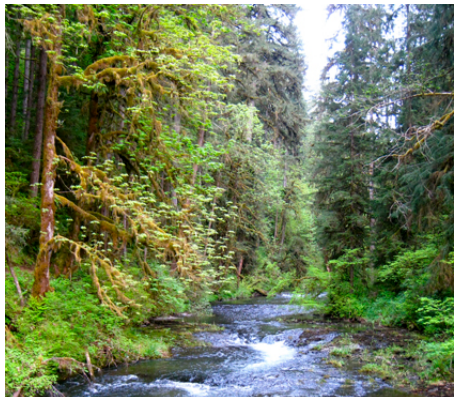


Nested structure

- **Evaluating extensive and intensive practices**
- **Comparing triad treatments**
- **Evaluating impact of reserve size**
- **Scaling up results**

Examples of response variables:

Marbled murrelet



Water quality

Carbon storage

Early seral species

Recreation

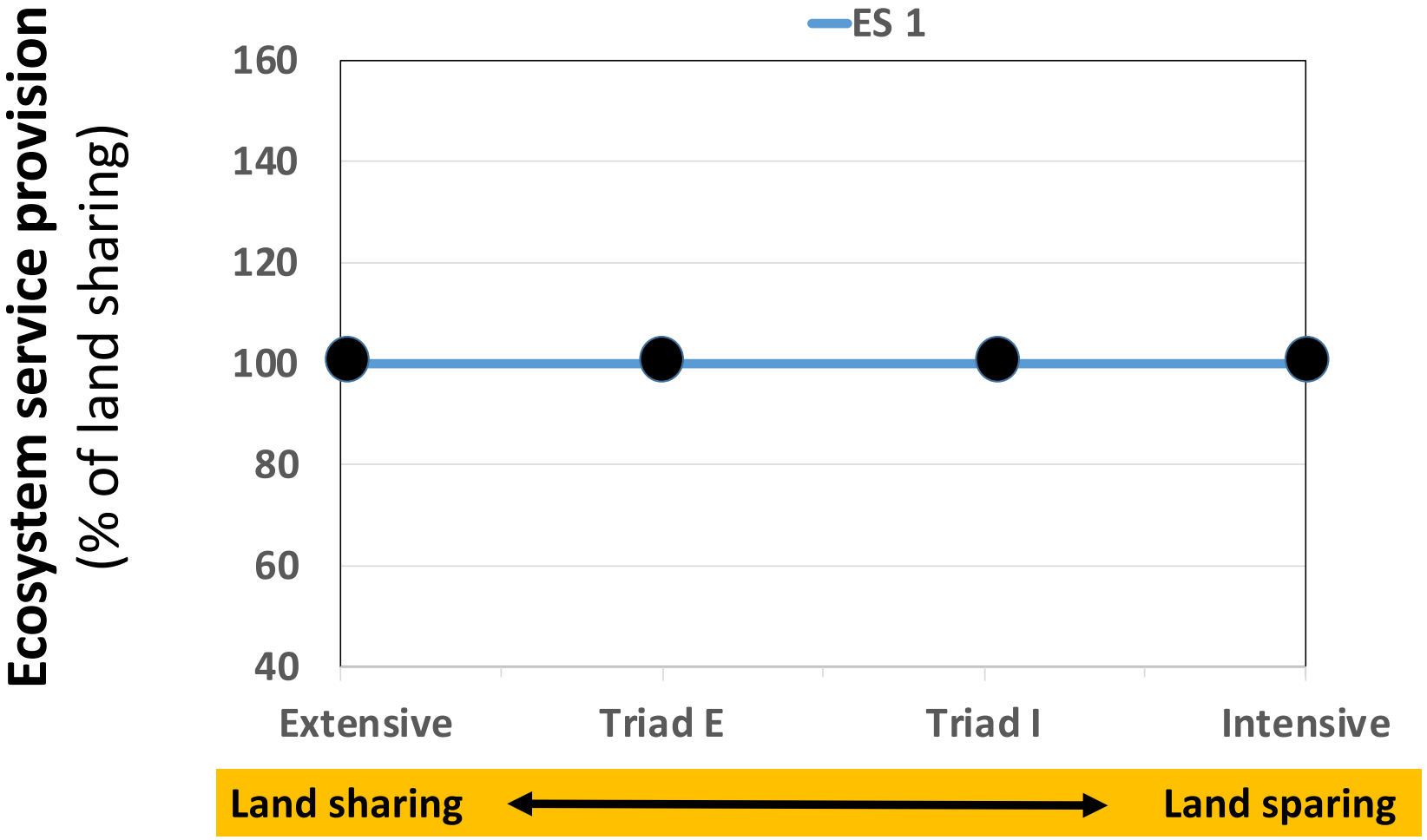
Social acceptability

Landslides

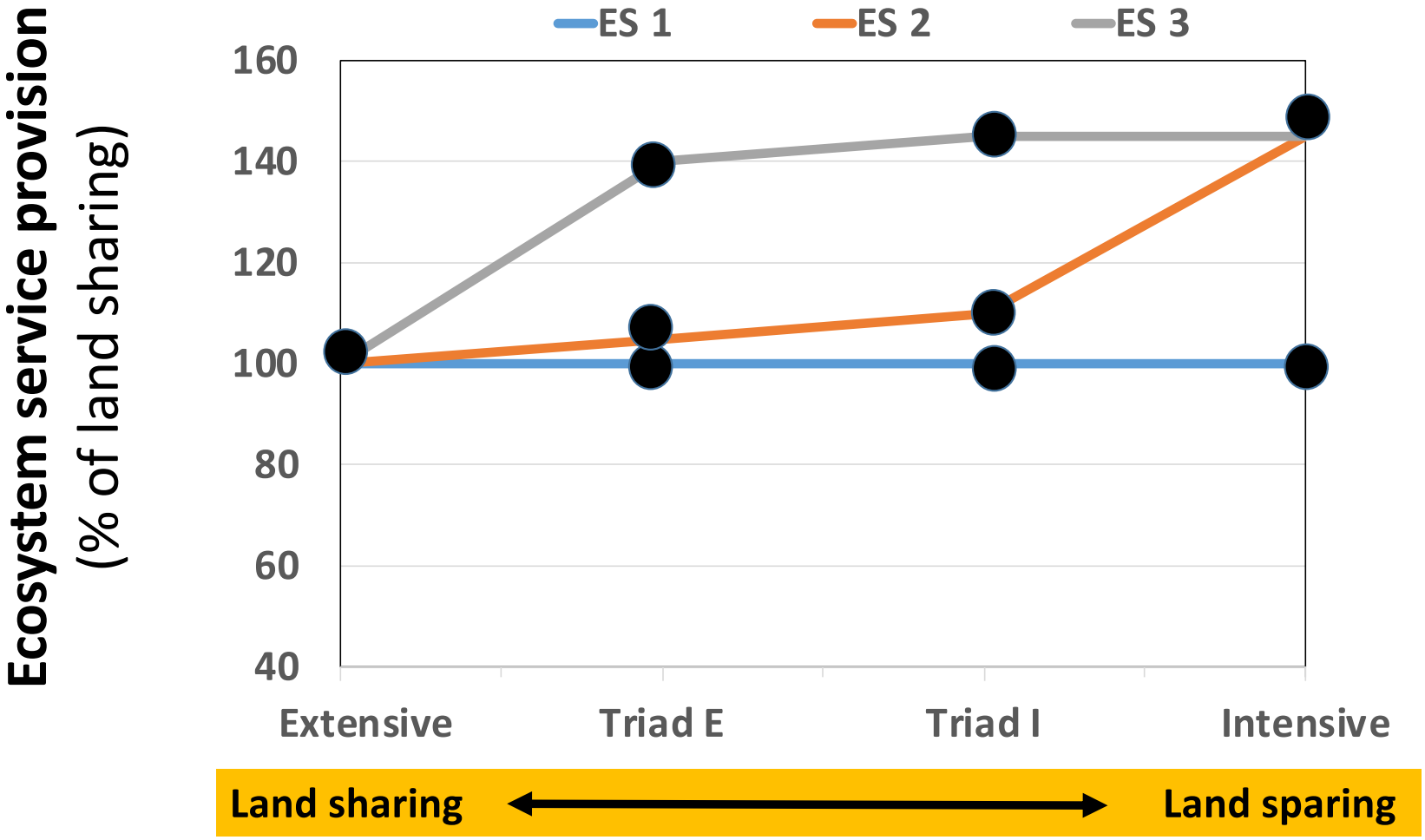
Harvest yield

M. Betts

Possible outcomes



Possible outcomes



Possible outcomes