

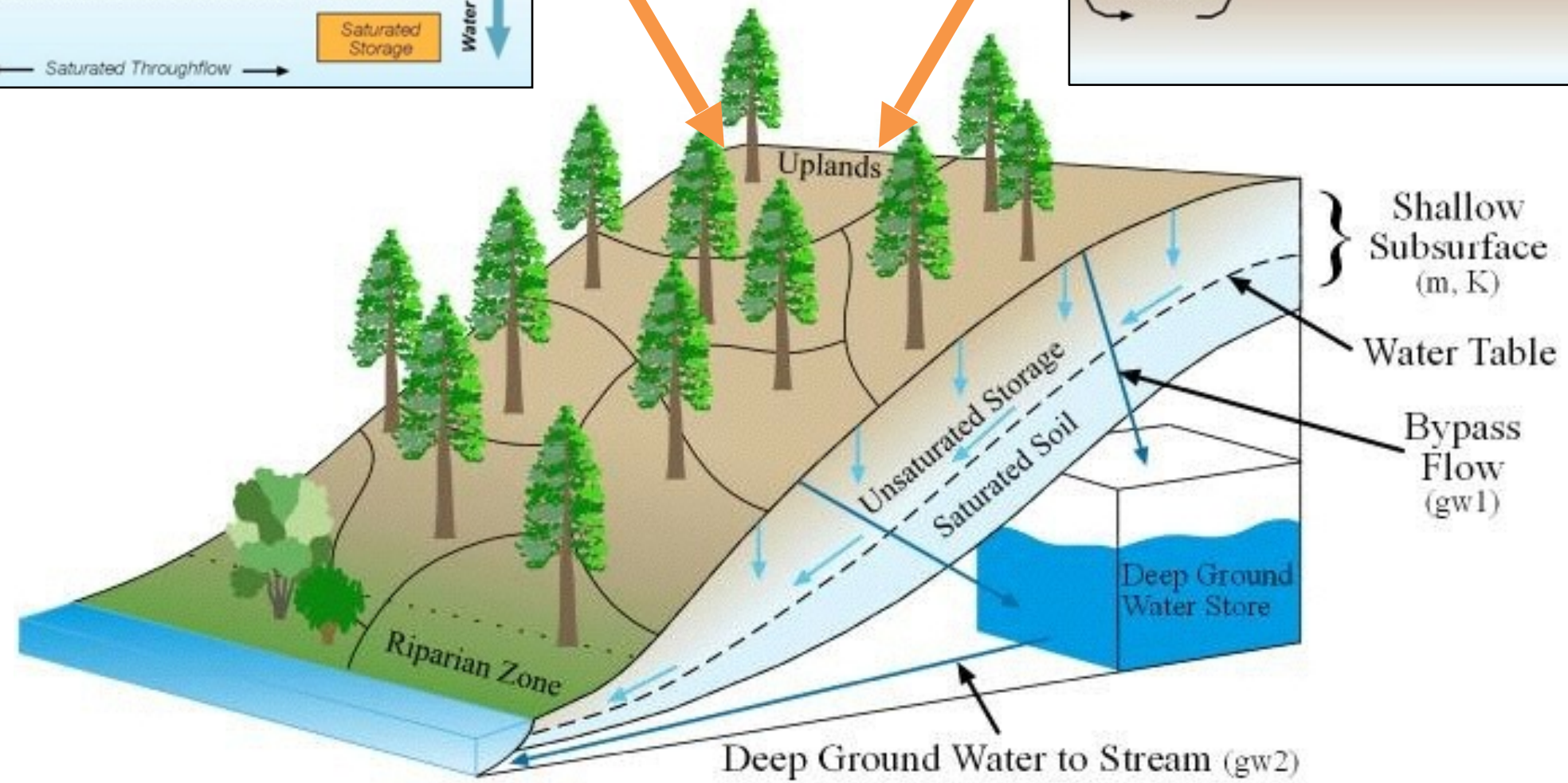
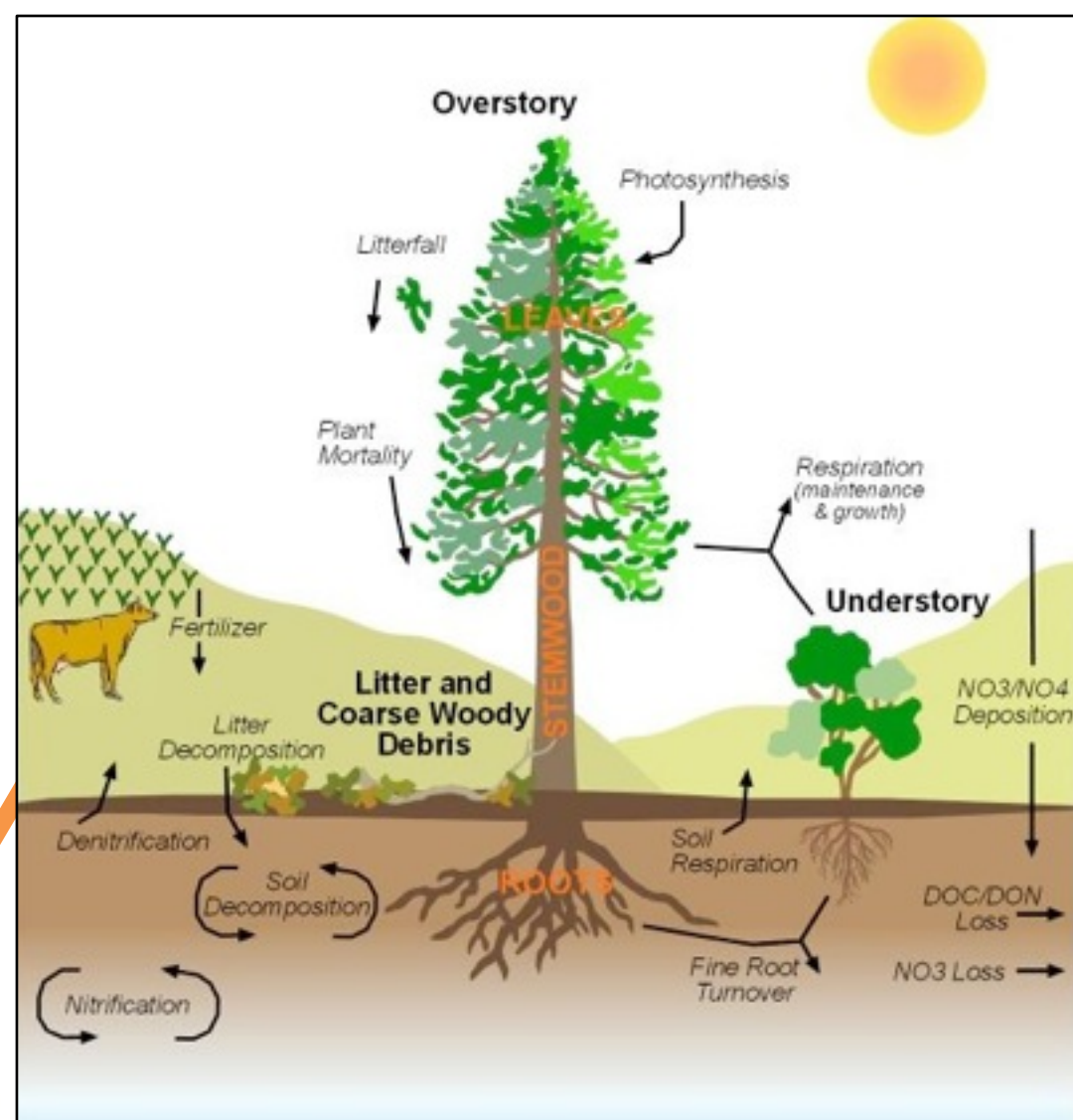
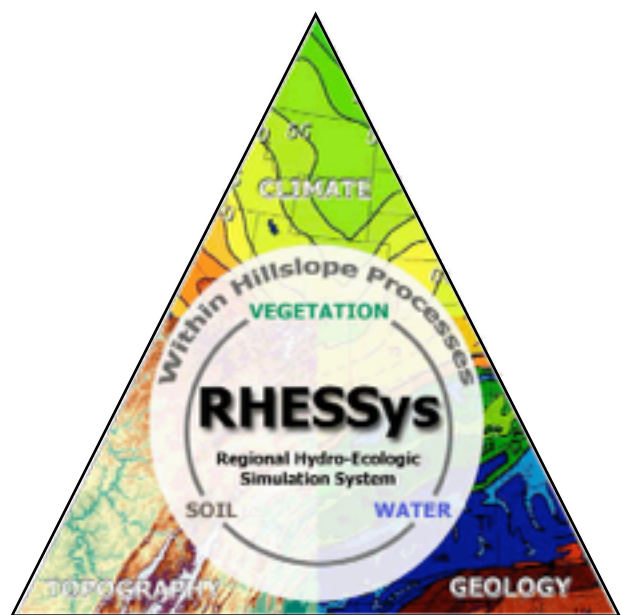
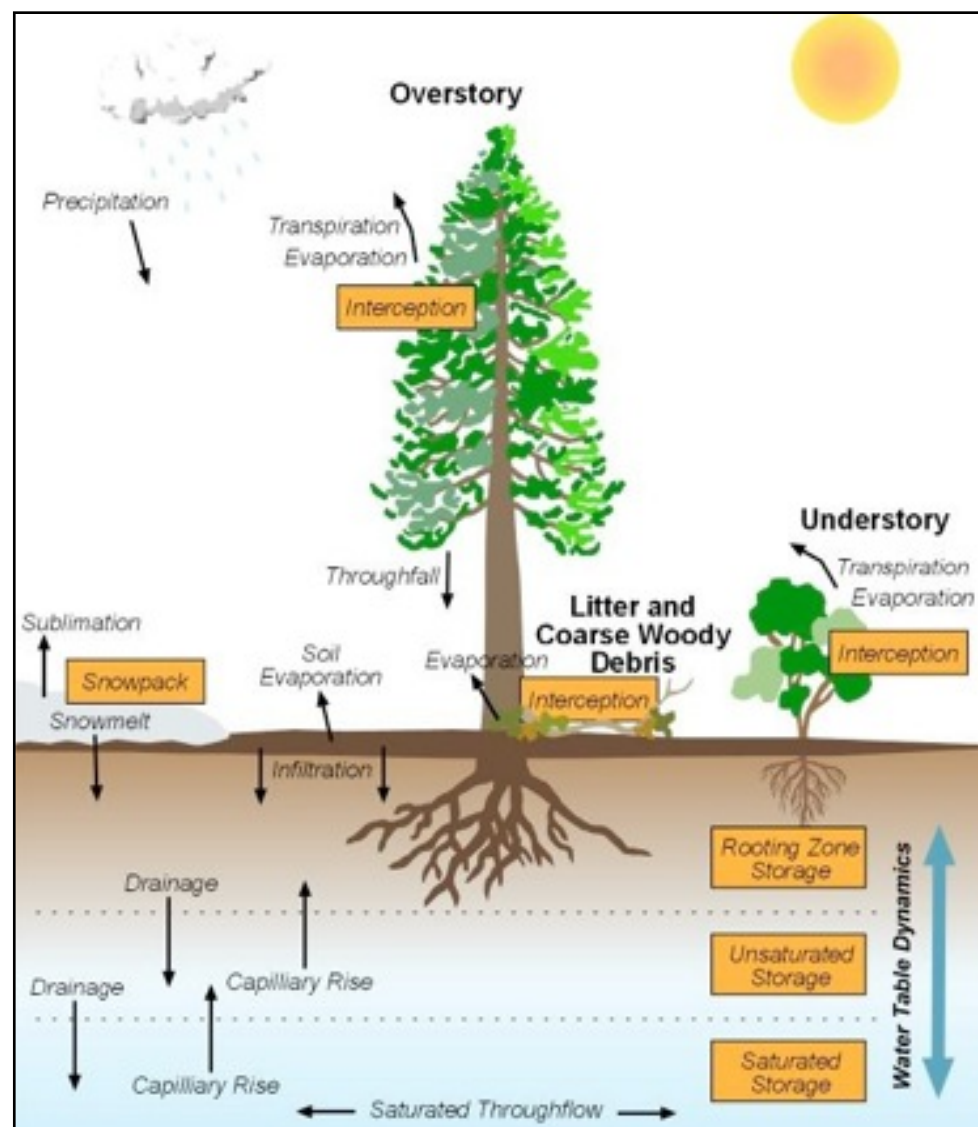
Identify and evaluate effective policy for wildfire management

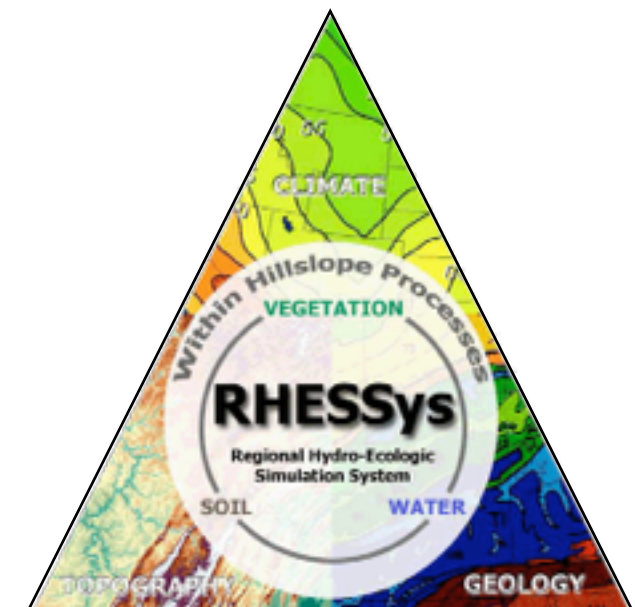
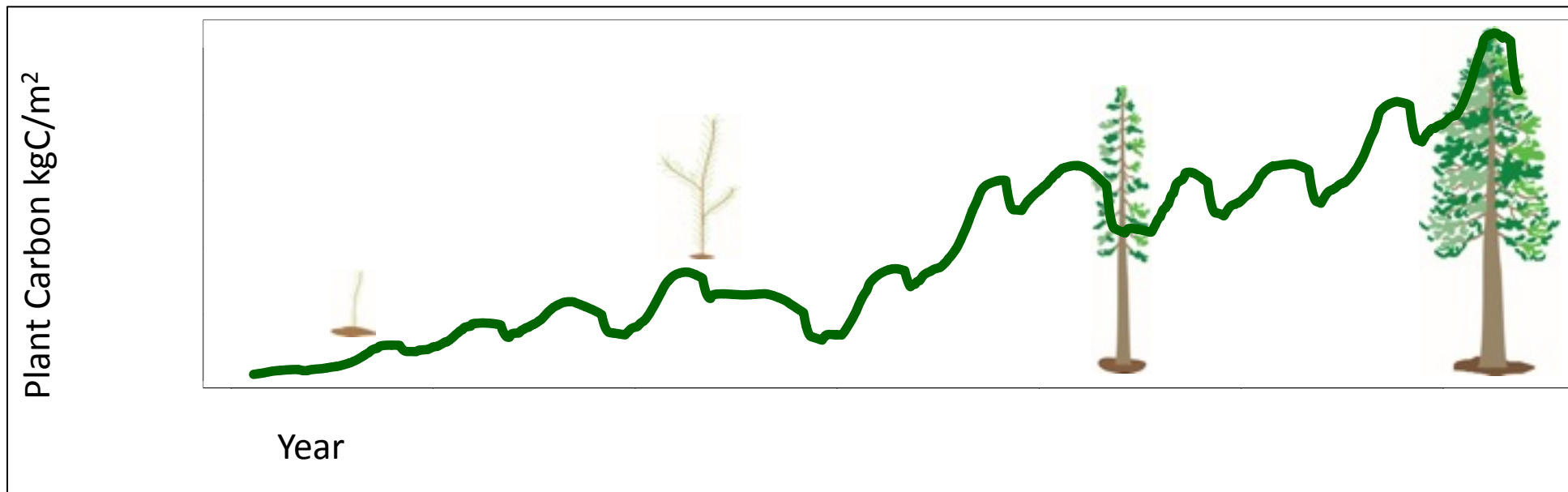
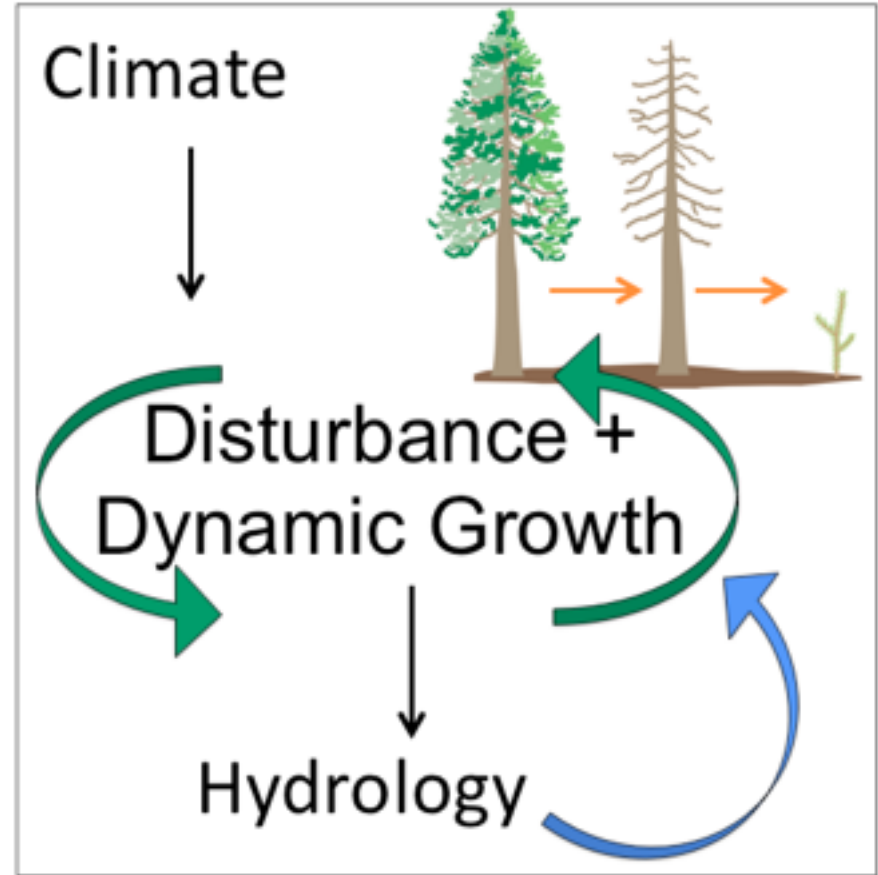
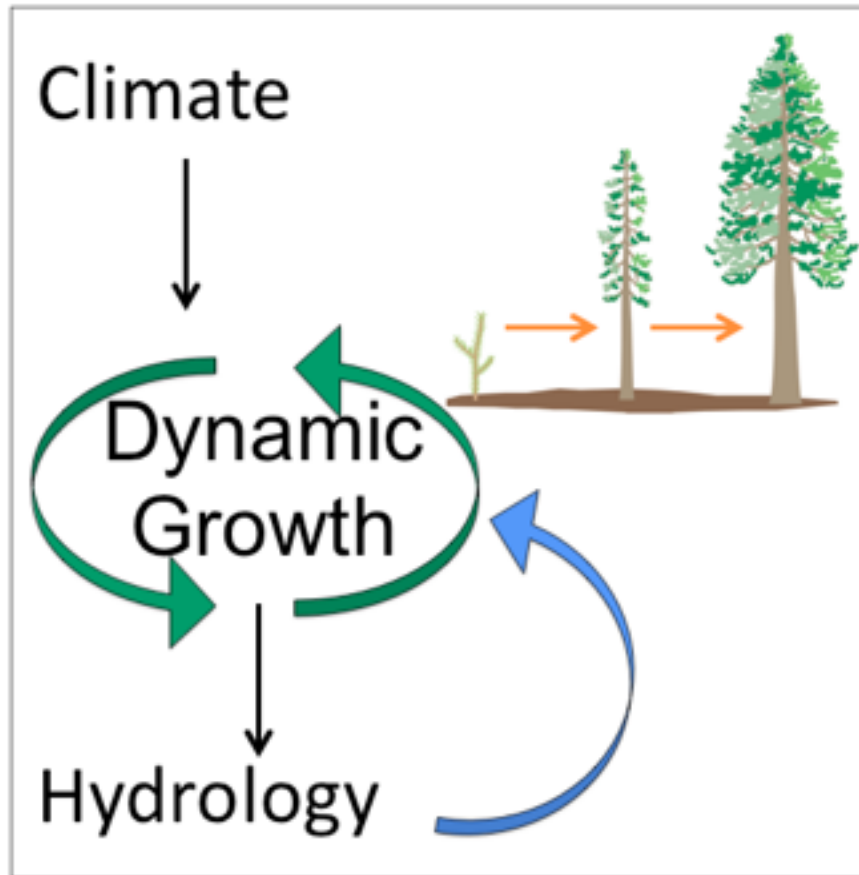
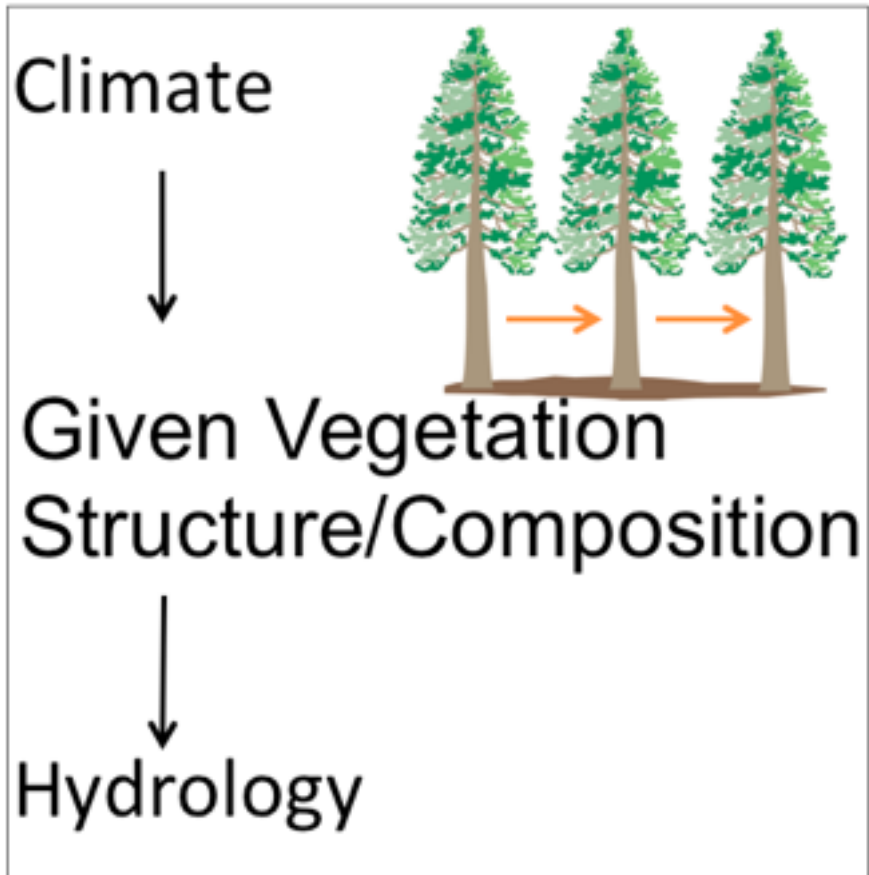


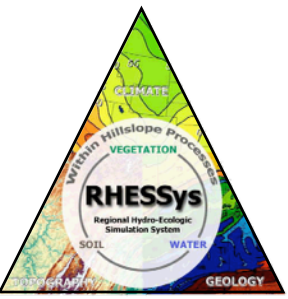
Prescribed Burns



Thinning







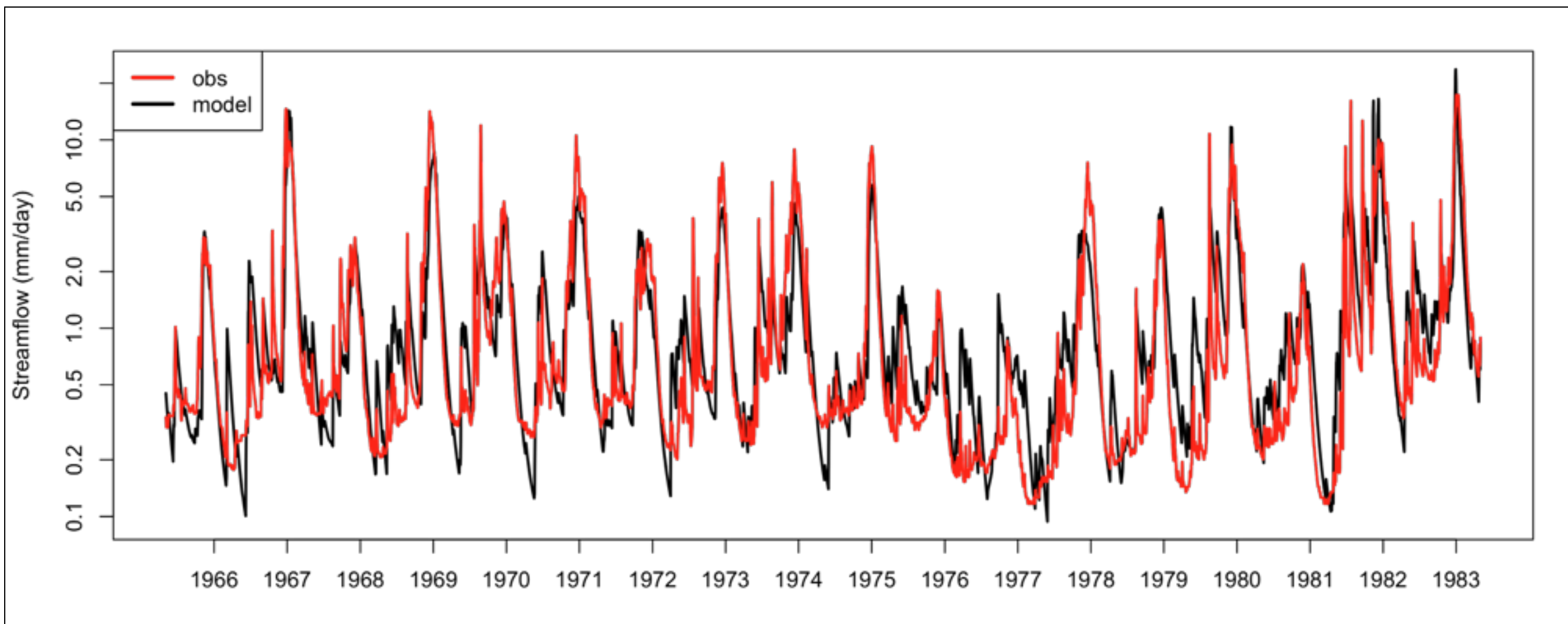
RHESSys hydrologic model performance – post calibration Streamflow (1960-2000)

NSE (daily) 0.6

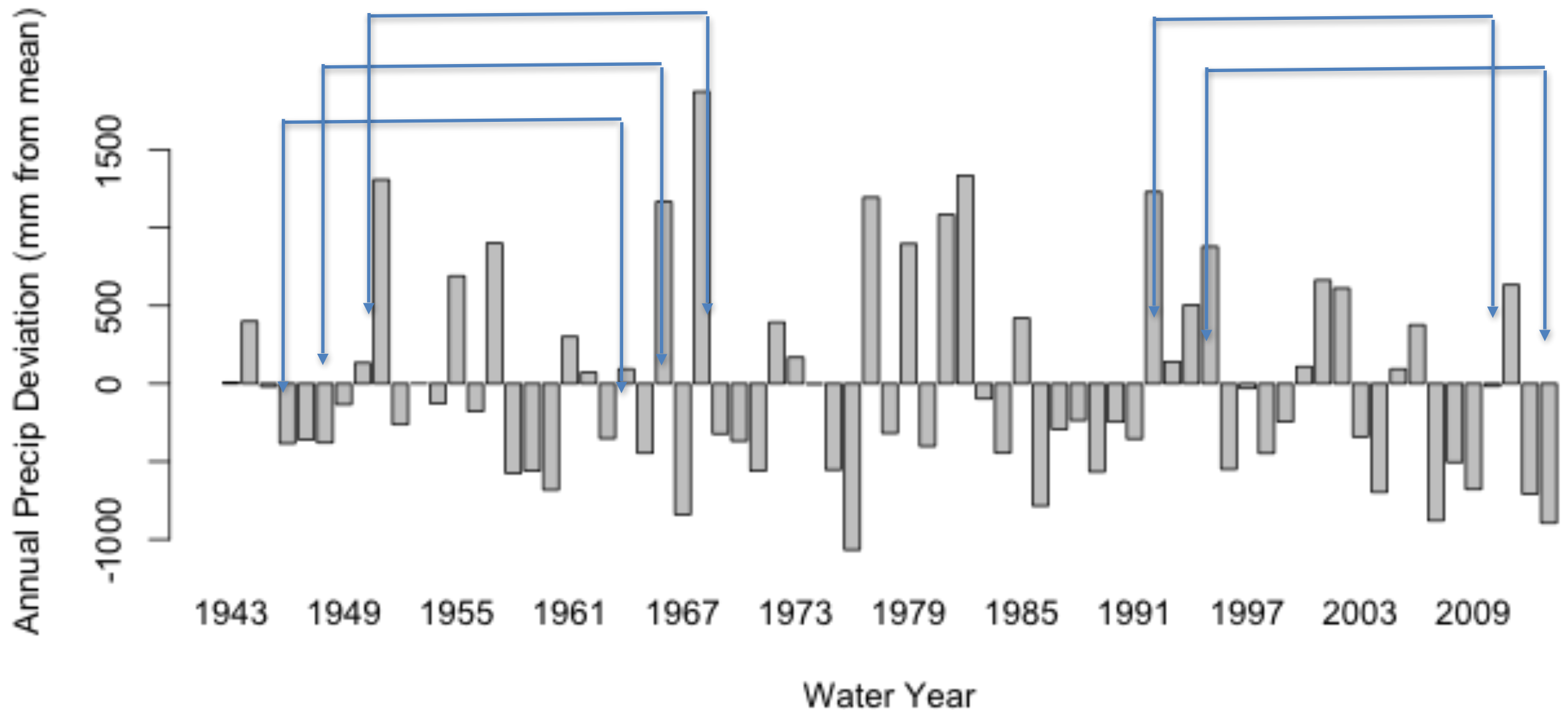
NSE (log transformed daily) 0.6

Bias < 10%

Monthly R2 > 0.9



Treatment Scenarios: Sierra CZO



- Fuel treatment: 50 scenarios (across climate)
- 0 to 50% thinning – 20 year post-thinning recovery
- Repeated for assumption that trees share water
- Repeated for Deep (4m) and Shallow (0.75m) Soil Depths

