Coastal Landscape Analysis and Modeling Study; College of Forestry, Oregon State University; USDA Forest Service, Pacific Northwest Research Station, Corvallis, OR; Oregon Department of Forestry

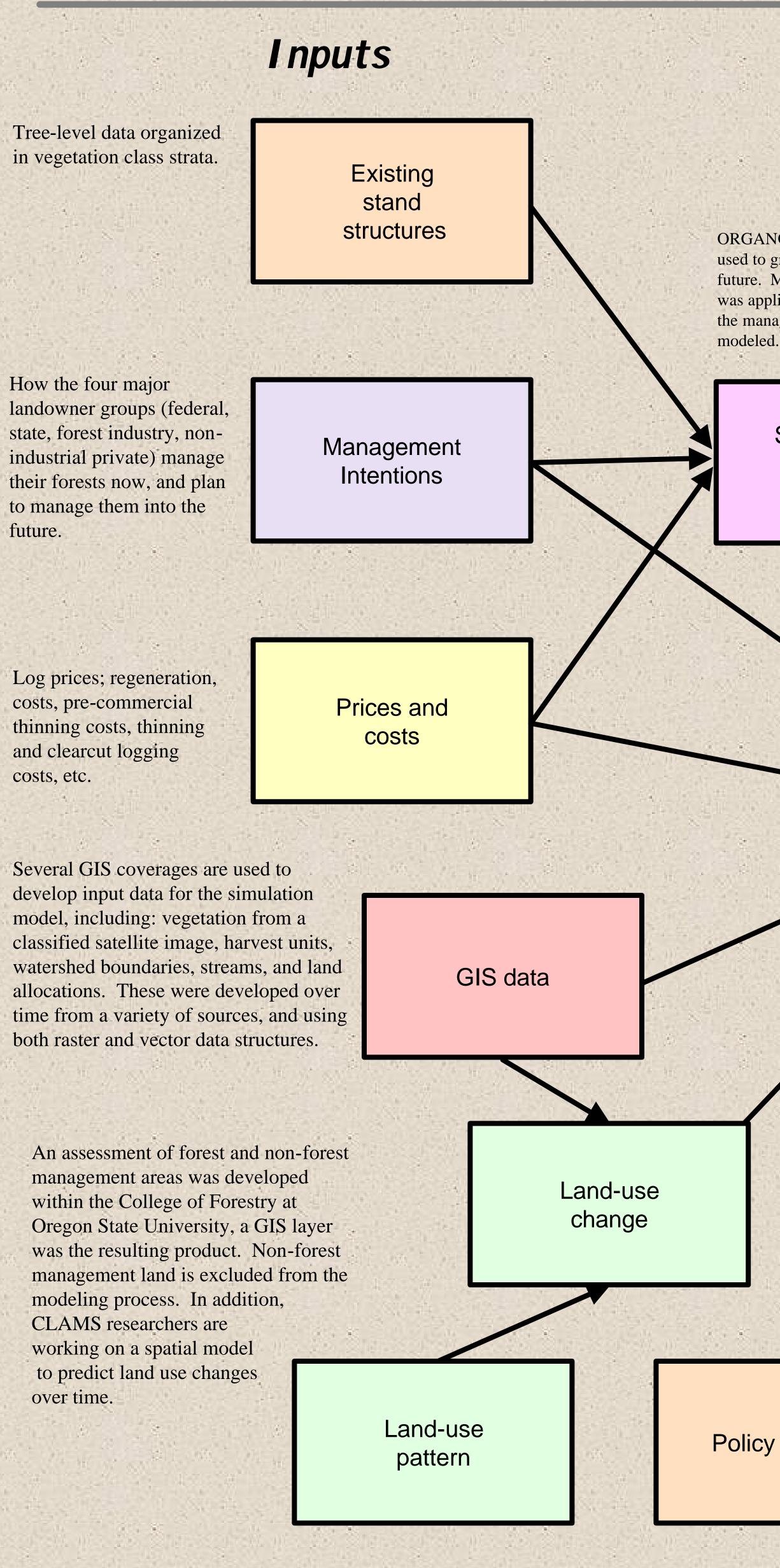
Tools

and data

for

policy

analysis



Pete Bettinger, K. Norman Johnson, Marie Lennette, and Jonathan Brooks Department of Forest Resources, College of Forestry, Oregon State University, Corvallis, OR 97331

ORGANON and, ZELIG were used to grow forest stands into the future. Management (e.g., thinnings) was applied where appropriate for the management prescription being

> Stand structure projections over time

> > LAMPS Simulation Model

LAMPS Schedules management activities over a 100-year planning horizon (20 5-year periods).

State Forest Practices Act sets the maximum clearcut size at 120 acres. On forest industry land we aggregate harvest units up to this size. In addition, we attempt to develop a distribution of clearcut patch sizes that emulates a recent (1990-1995) estimate of clearcut patch size distribution in the Coast Range.

Commodity production data

Models

Softwood and hardwood timber harvest volume, by owner class, over time, is reported, as is the number of acres treated, costs for regeneration, PCT, and thinning, and revenues from harvests. In addition, other socio-economic impacts (e.g. employment) are being estimated from the simulation results.

Policy guidance

