

Contribute Something Novel

Step outside the box on scenarios

-Few types of policies being considered
PES, mitigation & offsetting, subsidies, caps

-Consider REDD options and show
multiple ecosystem service and biodiversity
consequences

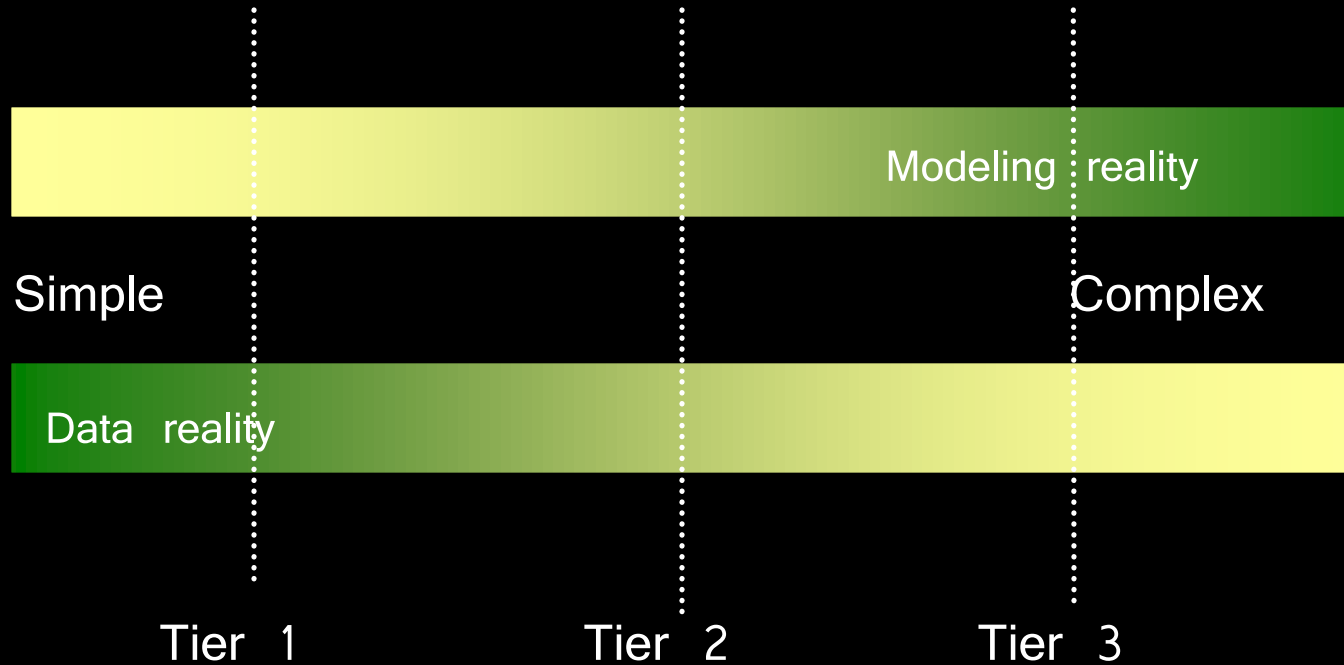
Establish Precedent for ES Modeling

Use competing models in IPCC format

-consider rigor and political sensitivity

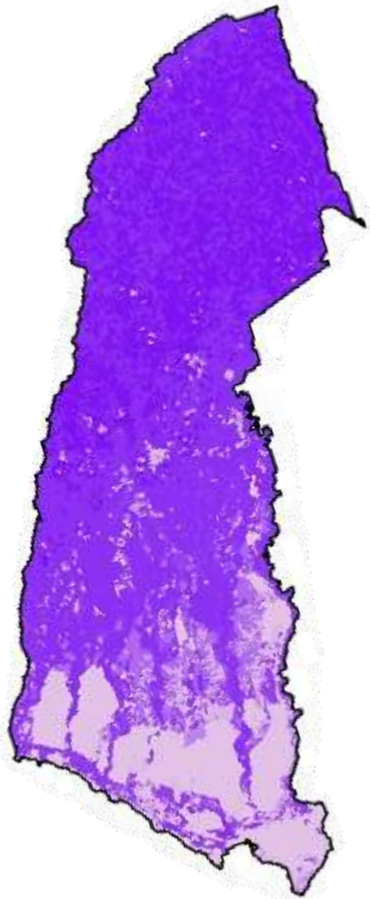
-include a set of simpler models (InVEST)

Tiered Modeling Approach



Current Levels

Carbon Storage
(tC/ha)



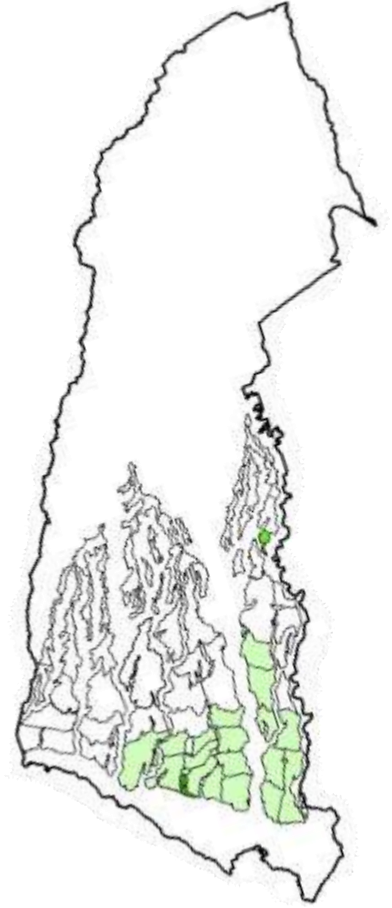
Pollution
Control (kg/ha)



Water Yield
(mm/yr)

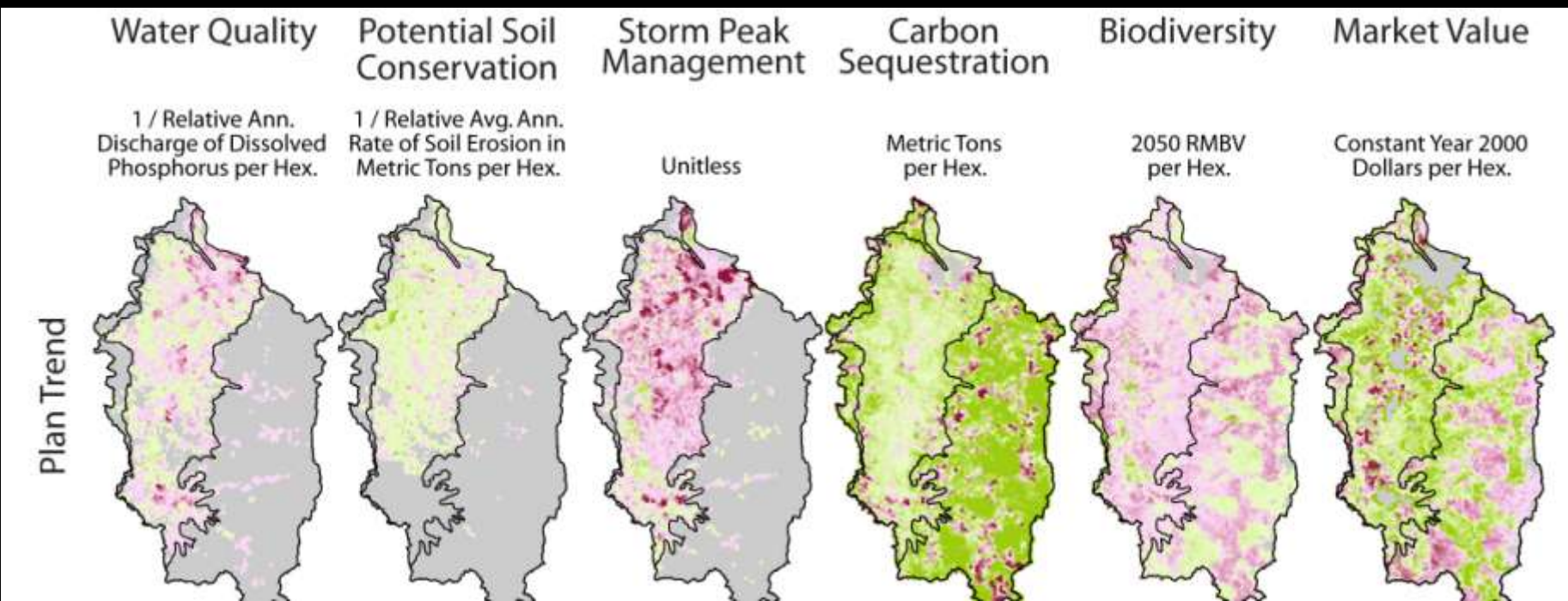


Plantation
Income
(\$/ac)



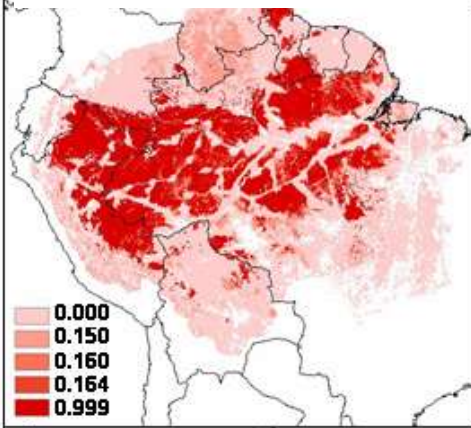
Willamette Basin, OR

Change 1990-2050

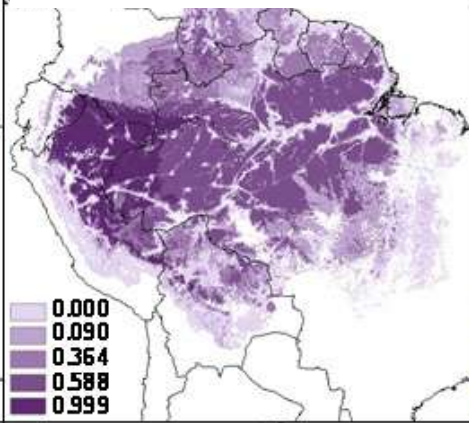


Forest Products

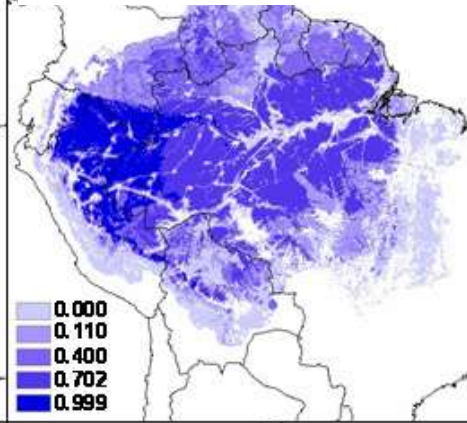
Bushmeat subsist



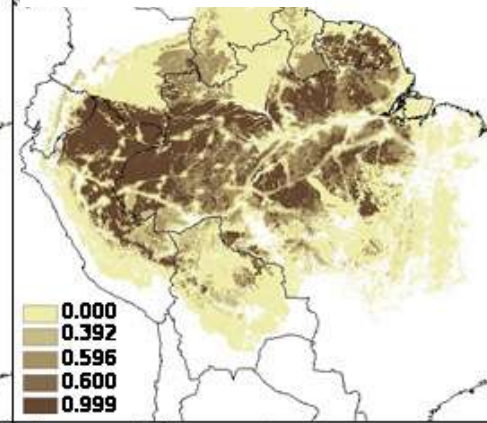
Fruits/Nuts subsist



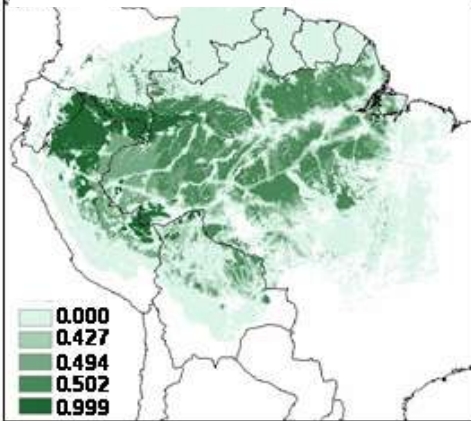
Medicine subsist



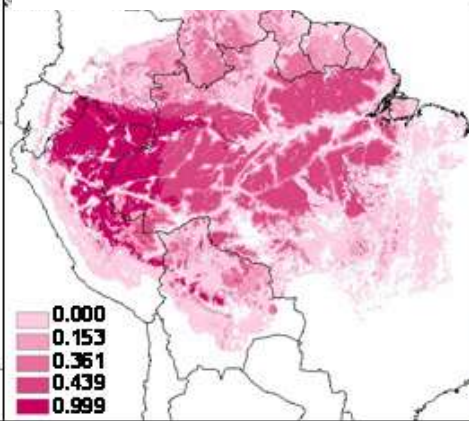
Wood subsist



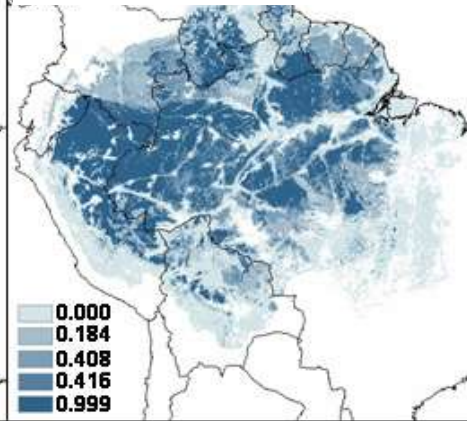
Fiber subsist



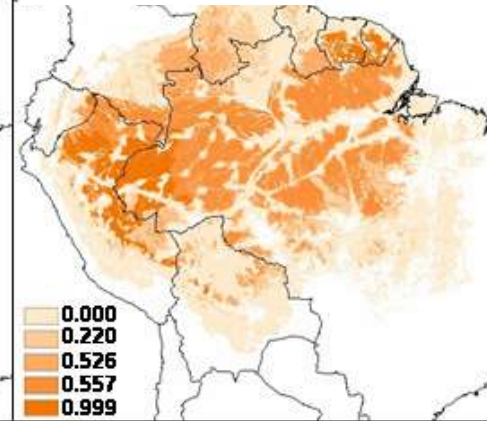
Fruits/Nuts market



Medicine market



Wood market



Establish Precedent for ES Modeling

Use competing models in IPCC format

- consider rigor and political sensitivity

- include a set of simpler models (InVEST)

- focus on what's appropriate for different policy contexts, not what's "right".

InVEST/SWAT/FIESTA example

Demonstrate one ES-Poverty Link

- Most MDGs rely on ecosystem services, but econ models often fall short here
- Show how institutional information can be used to advance poverty mapping work
- Pick one ES – clean water, flood control?