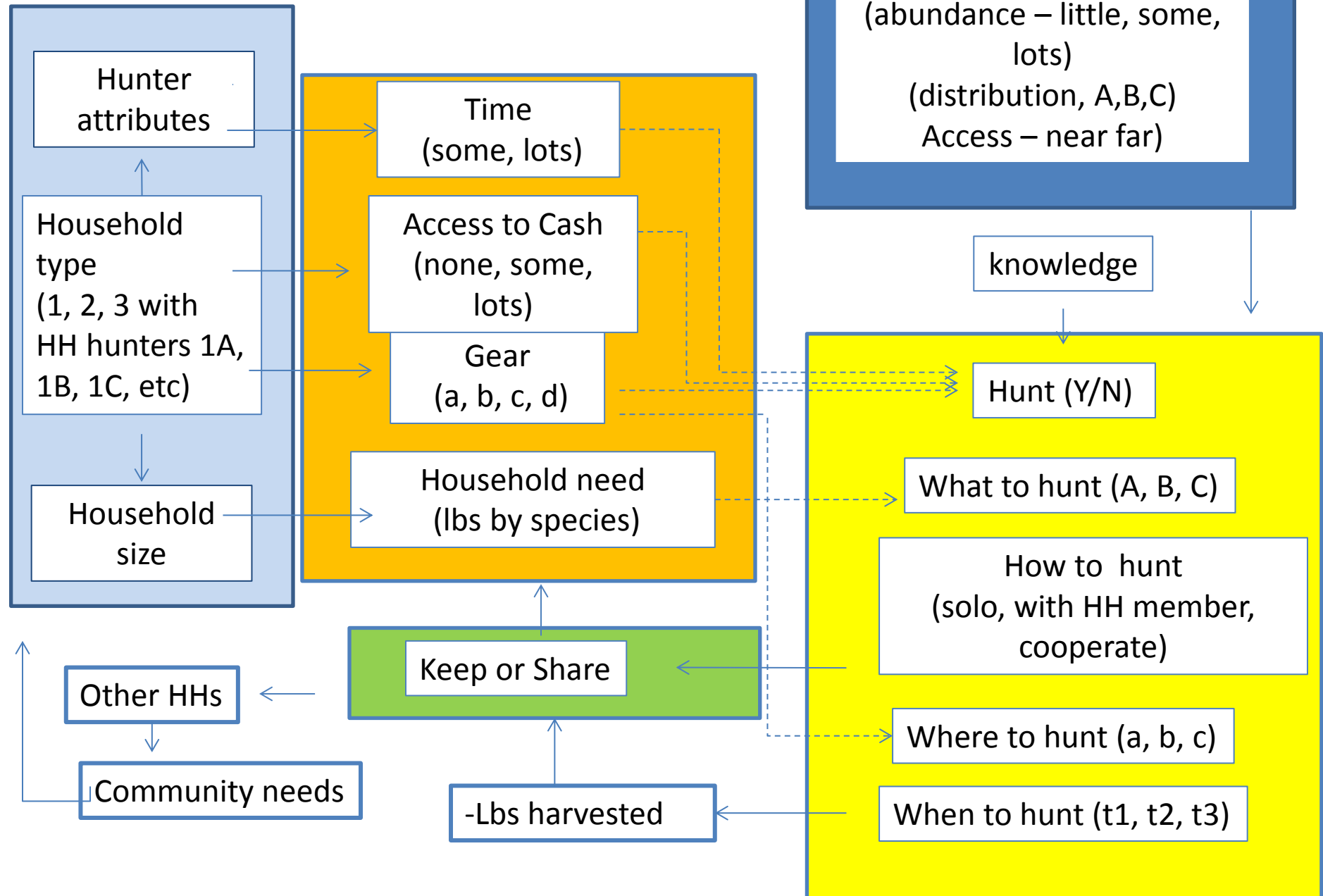


Current proposal

- *Identify the suite of services most critical to sustainability in interior Alaska.*
 - *Detailed and coarse HH data*
- *Identify past trajectories and rates of change and likely future changes in critical ecosystem services.*
 - *Local knowledge and available science*
- *Model interaction of ecological, economic, cultural, and demographic conditions affecting participation in subsistence in rural households of interior Alaska, and how those dynamics affect village sustainability.*
 - *Prototype model constructed, being developed*
- *Conduct institutional analysis to identify the role of policy in mediating the effects of changing ecosystem services.*
- *Through partnerships with communities, identify conditions that facilitate innovation in future human adaptation and transformation.*

Subsistence Thresholds Model



Ideas for the Future

- Methods for linking local knowledge & science
 - Camera equipped GPS to harvesters
 - Web-based reporting system
 - Map overlays
- Link between Δ in ecosystems to Δ in ecosystem services
 - From supporting and regulating services to provisioning
 - Implications of scenarios
- Subsistence Threshold Model
 - Stronger representation of ecological dynamics (state changes)
 - Use modeled scenarios with stakeholders
- Explore rural – urban continuum
 - From Venetie to Nenana to Fairbanks
 - Other?
- Land-use change + climate change?
- UAF decision theatre / visualization of change

