

# Neil Carter

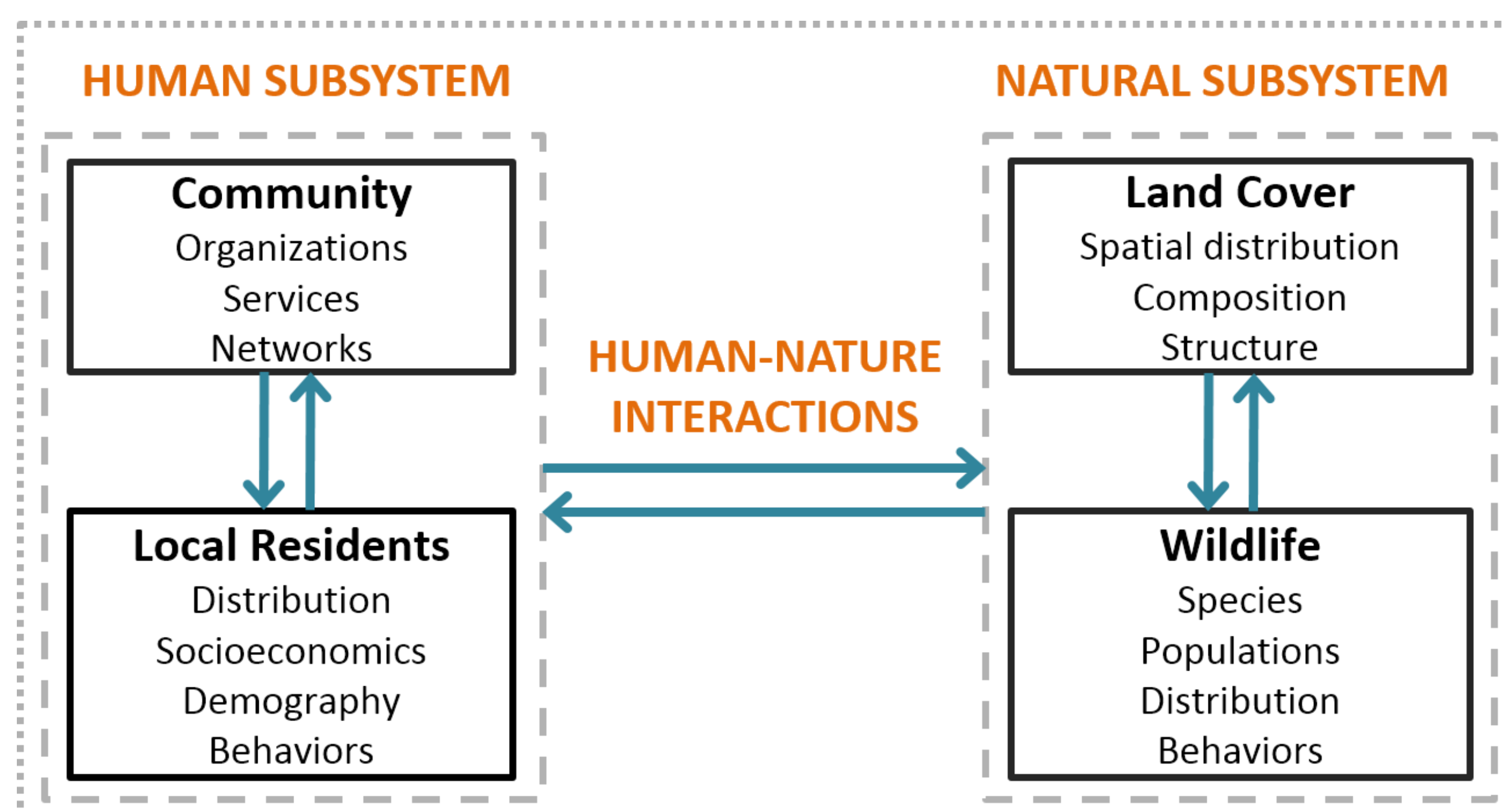
## Assistant Professor

### Human-Environment Systems Initiative

#### FUNDAMENTAL RESEARCH QUESTIONS

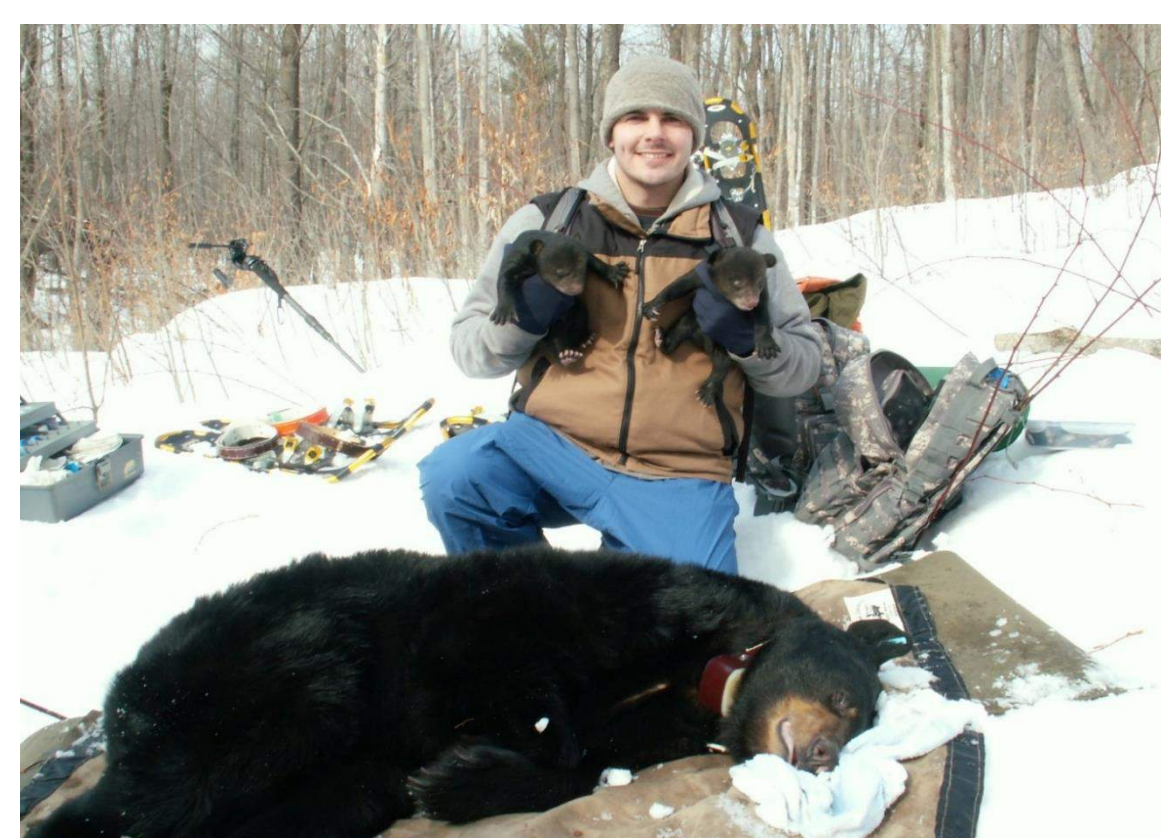
- How are people and wildlife linked across space and through time? (*patterns*)
- What underlying mechanisms weaken or strengthen those linkages? (*processes*)
- How better inform decision-making? (*policies*)

#### SYSTEMS APPROACH FOR WILDLIFE RESEARCH



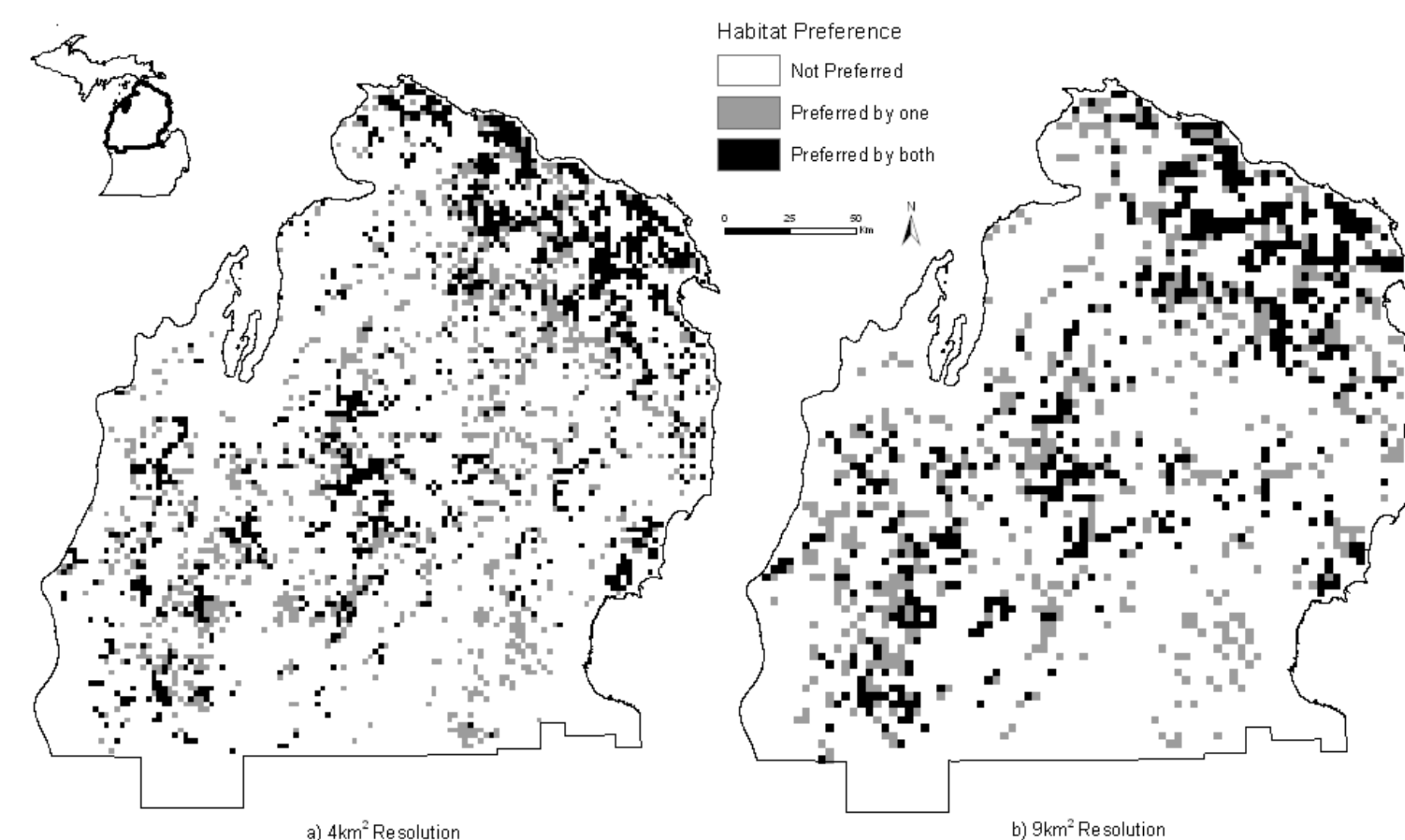
#### BACKGROUND

- Postdoc: National Socio-Environmental Synthesis Center (Maryland)
- PhD: Michigan State University
- MS: University of Michigan
- BS: University of California, San Diego

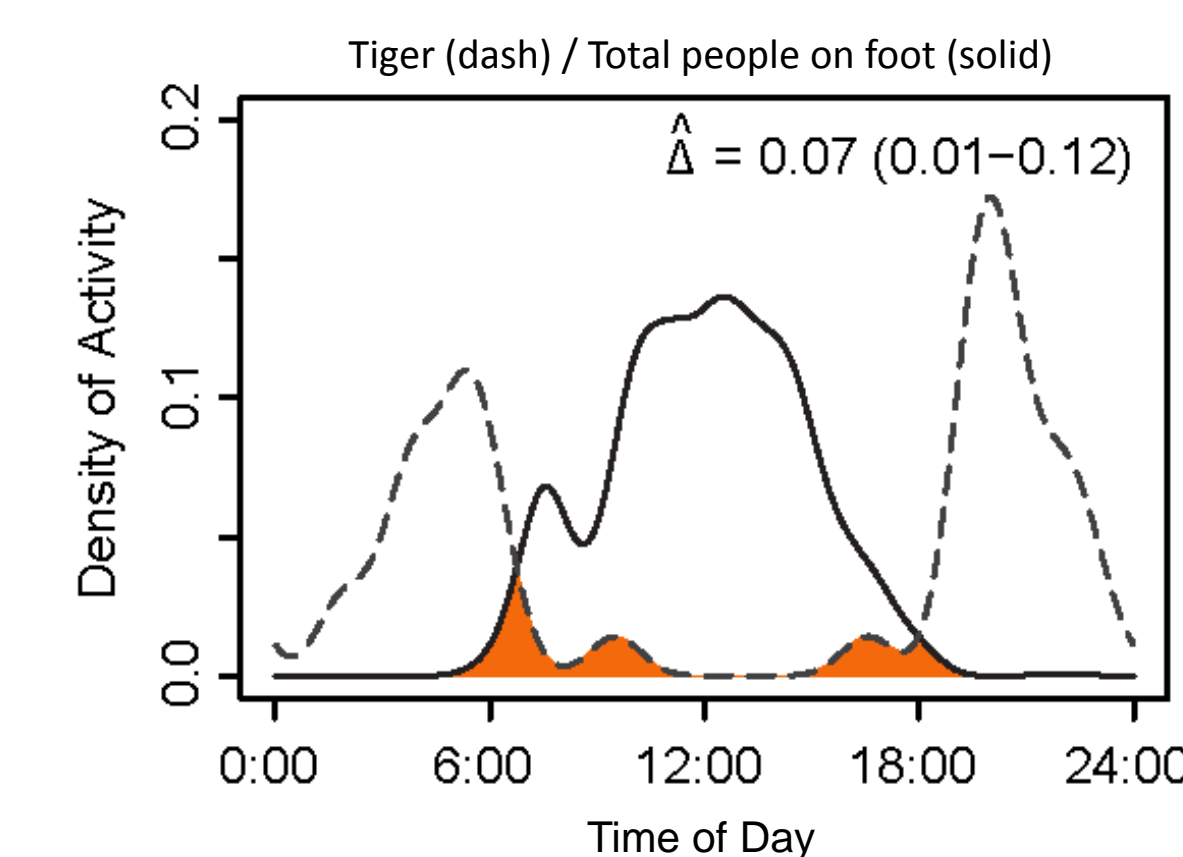


#### PREVIOUS AND ONGOING RESEARCH

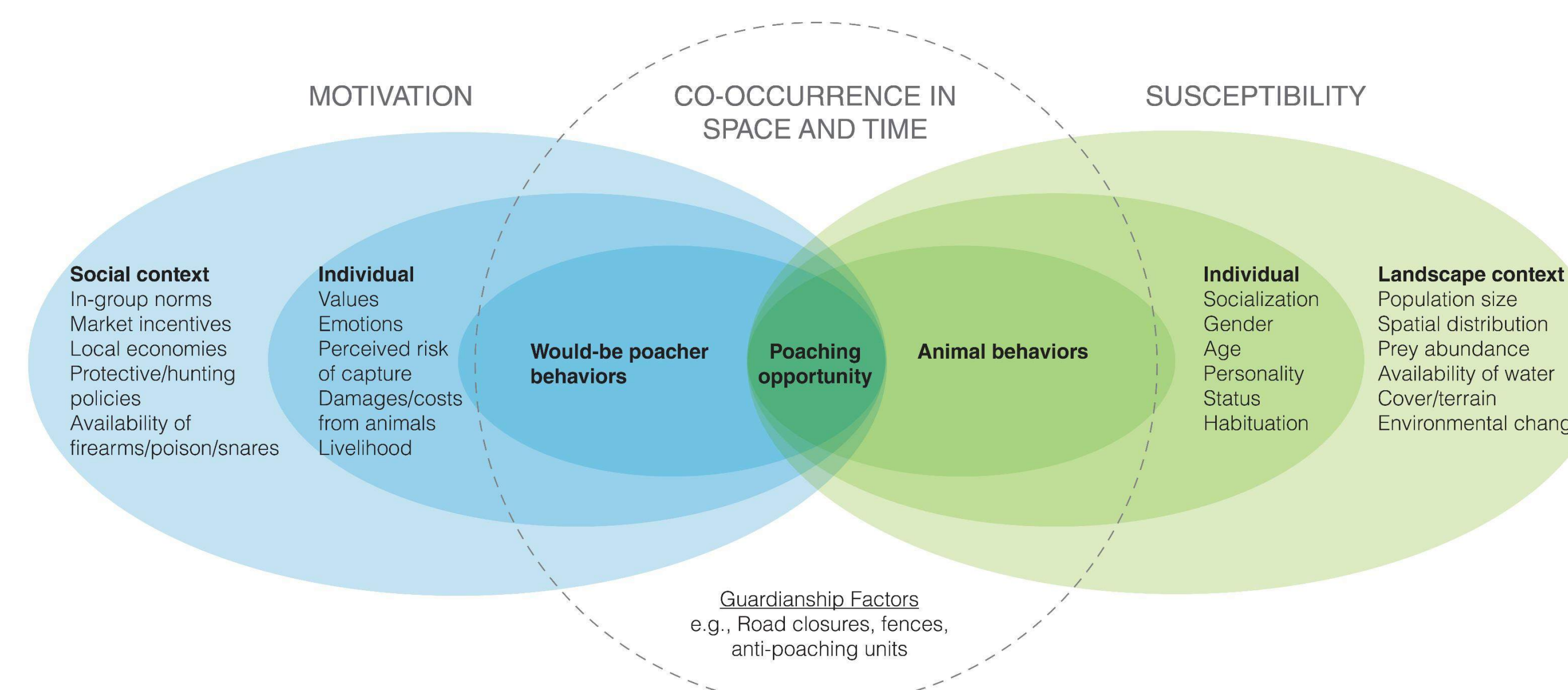
- Predicting ecological and social suitability of black bear habitat in Michigan's Lower Peninsula



- Coupled human and natural systems approach to tiger conservation in Chitwan National Park, Nepal

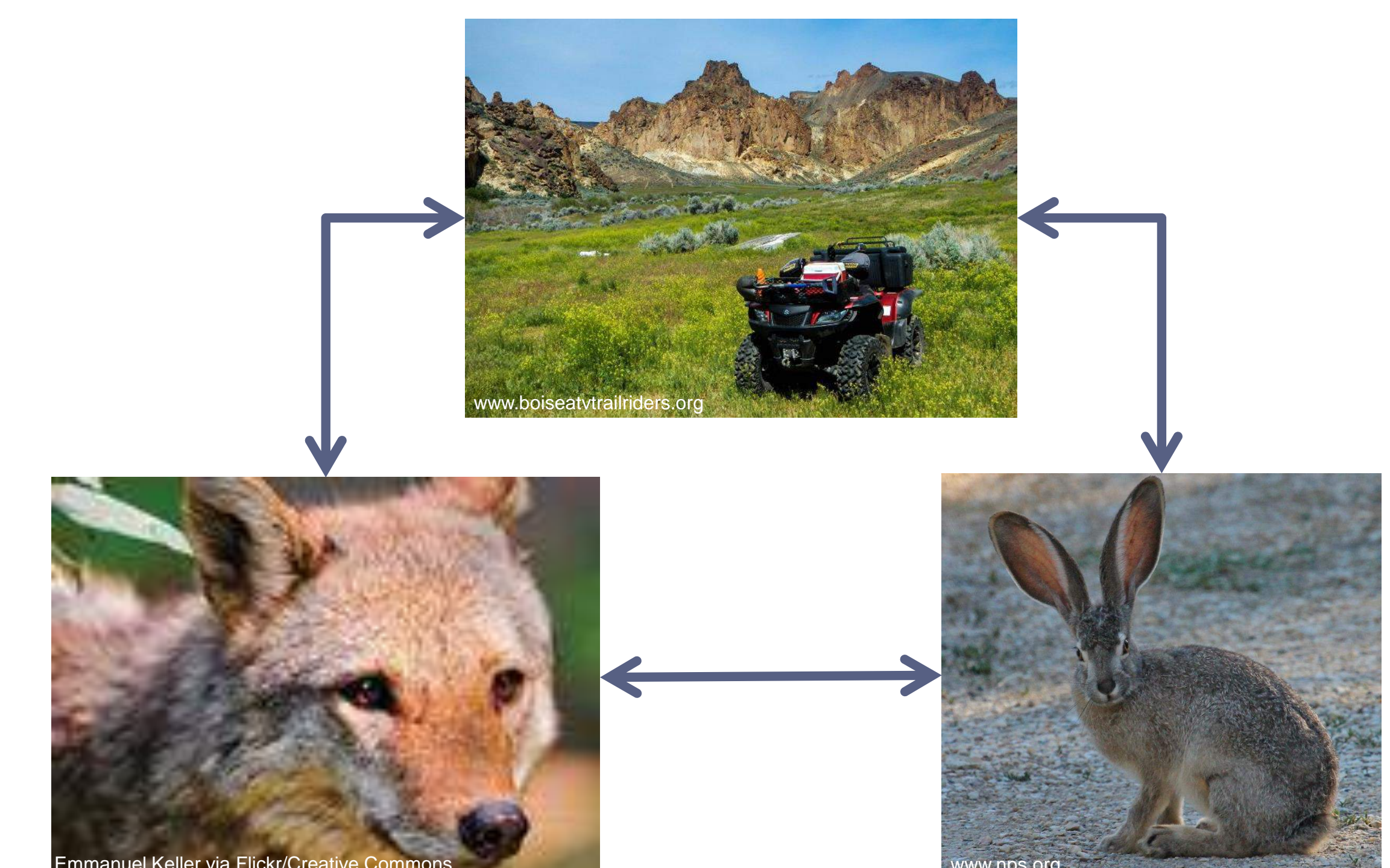


- Developing new tools to predict and prevent human-wildlife conflicts, such as poaching



#### RESEARCH IN THE NEAR FUTURE

- Investigate how social and ecological factors, and their interactions, influence the capacity for people and wildlife communities to coexist on shared landscapes in Idaho and elsewhere (linking to Wildlife and Recreation on Public Lands project)



- Develop predictive models to simulate feedbacks among wildlife communities, human communities, and decision-makers in Idaho and elsewhere (potentially linking with Alternative Futures project)

