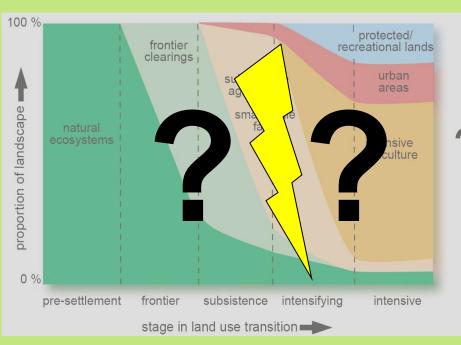
## Volker C. Radeloff, Department of Forest and Wildlife Ecology, University of Wisconsin-Madison

# Land-use change after the collapse of the Soviet Union, and its implications for bison, bear, and saiga antelope conservation

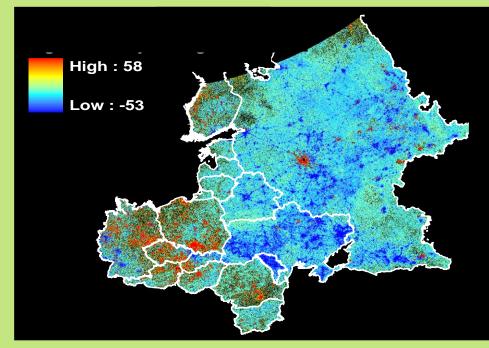
### **Research Questions**

1) How do socio-economic shocks affect land use? The collapse of the USSR, and subsequent shock therapy with open markets, subsidy cuts and privatization is one of the major shocks of the 20<sup>th</sup> century





2) How do broad-scale/national drivers affect land use? **Countries in Eastern Europe transitioned very** differently to new governance and economies,





3) What happens to biodiversity when land use subsides? Large areas of farmland were abandoned, creating potentially new habitat for wildlife





### **Study Area**

Eastern Europe provides a perfect 'natural experiment'. Socialism collapsed, nations diverged, and land use intensity subsided. Rapid changes in an environmentally homogeneous region.

### Ph.D. Students Trained

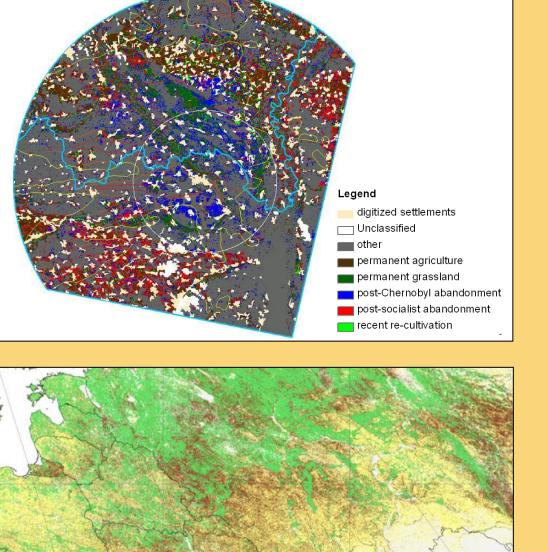
2008, Tobias Kuemmerle, Humboldt University, and UW-Madison 2010, Alexander Prishchepov, UW-Madison 2010, Pedro Camilo Alcantara 2010, Maxim Dubinin

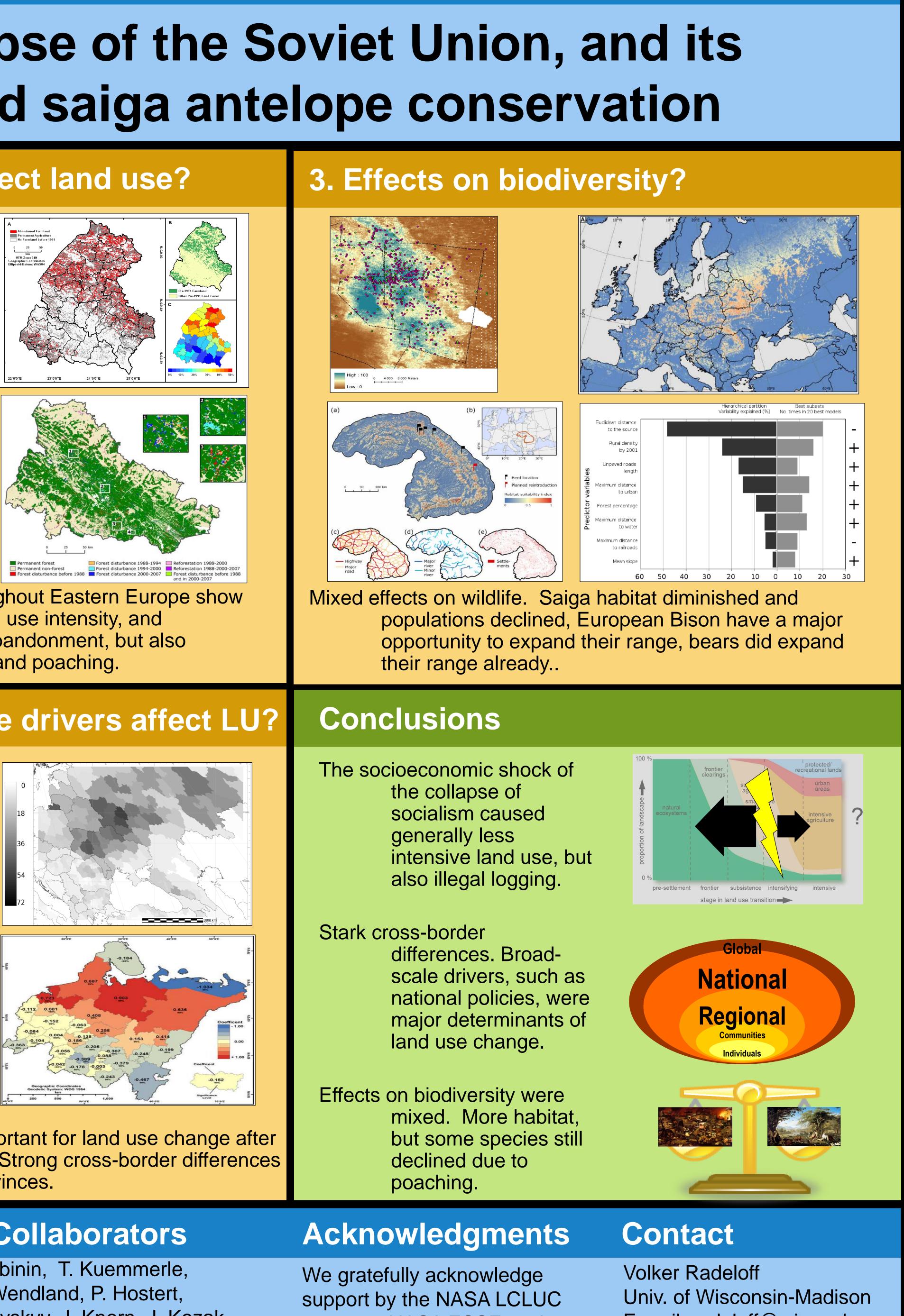


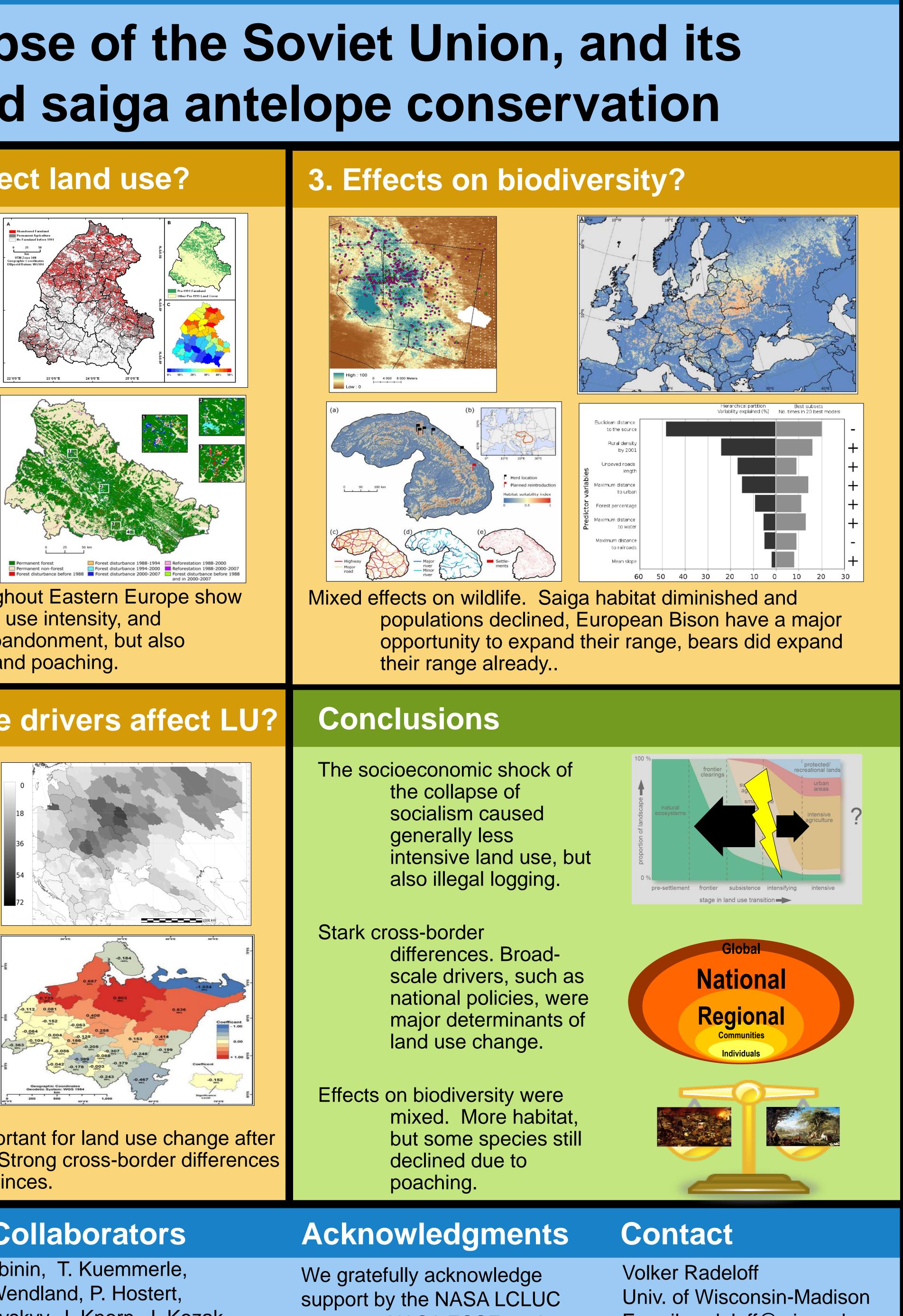




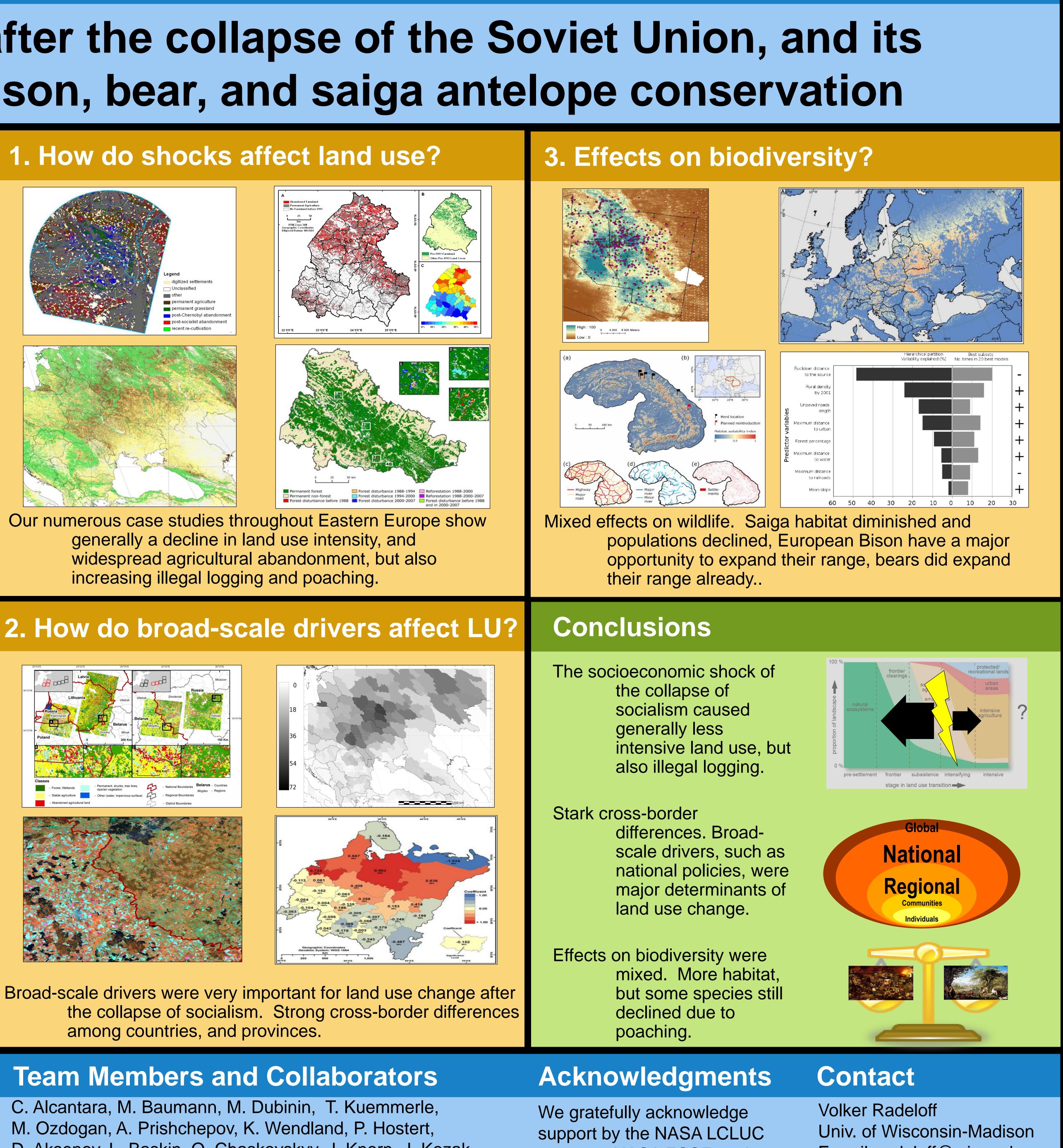








generally a decline in land use intensity, and increasing illegal logging and poaching.



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