



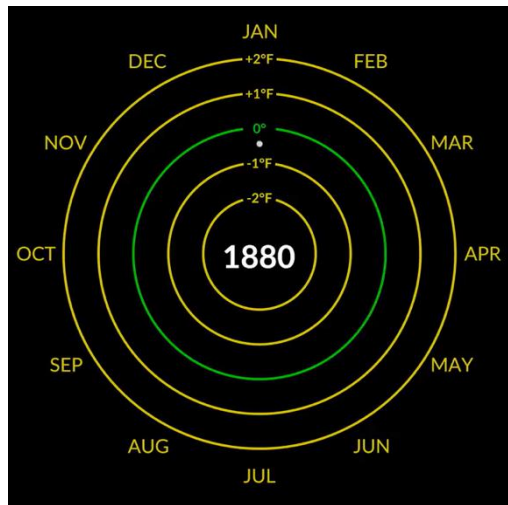
Adaptive Capacity Through Silviculture: managing risk and maintaining ecosystem services in northern hardwood forests

Julia Burton, PhD

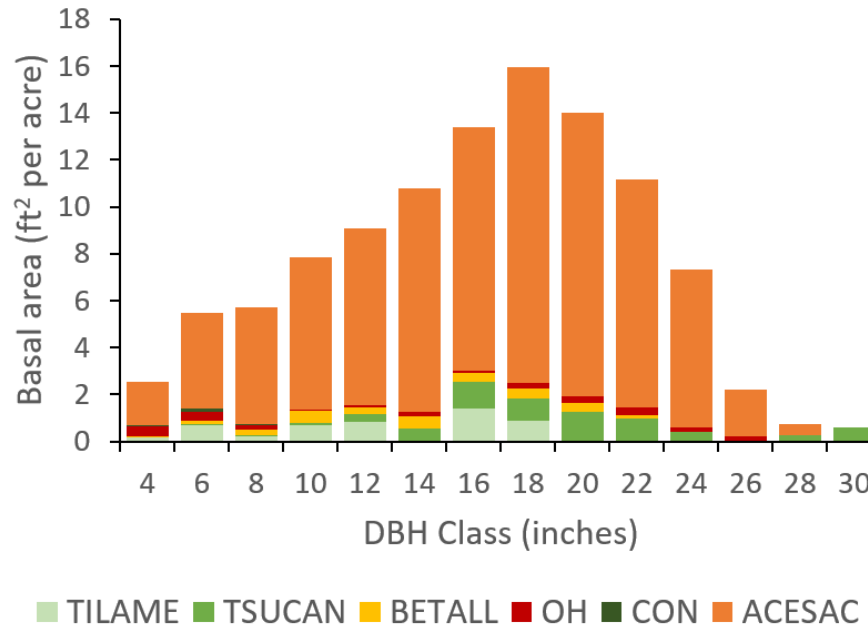
Associate Professor of Silviculture
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Can we manipulate forests to sustain values and services into the future?

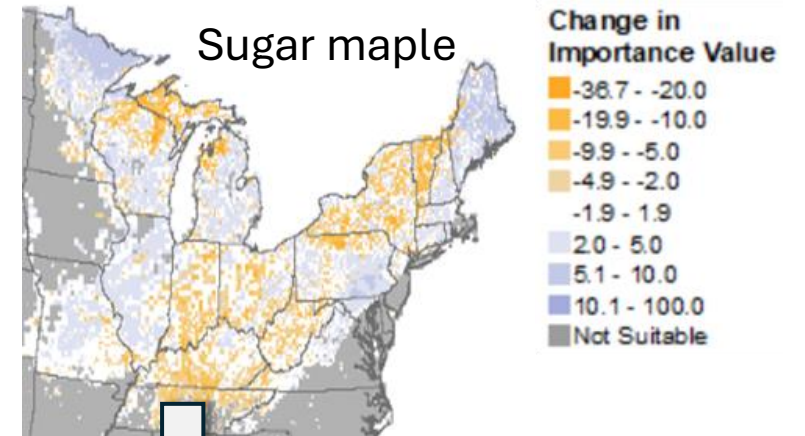
CLIMATE CHANGE



CURRENT CONDITIONS



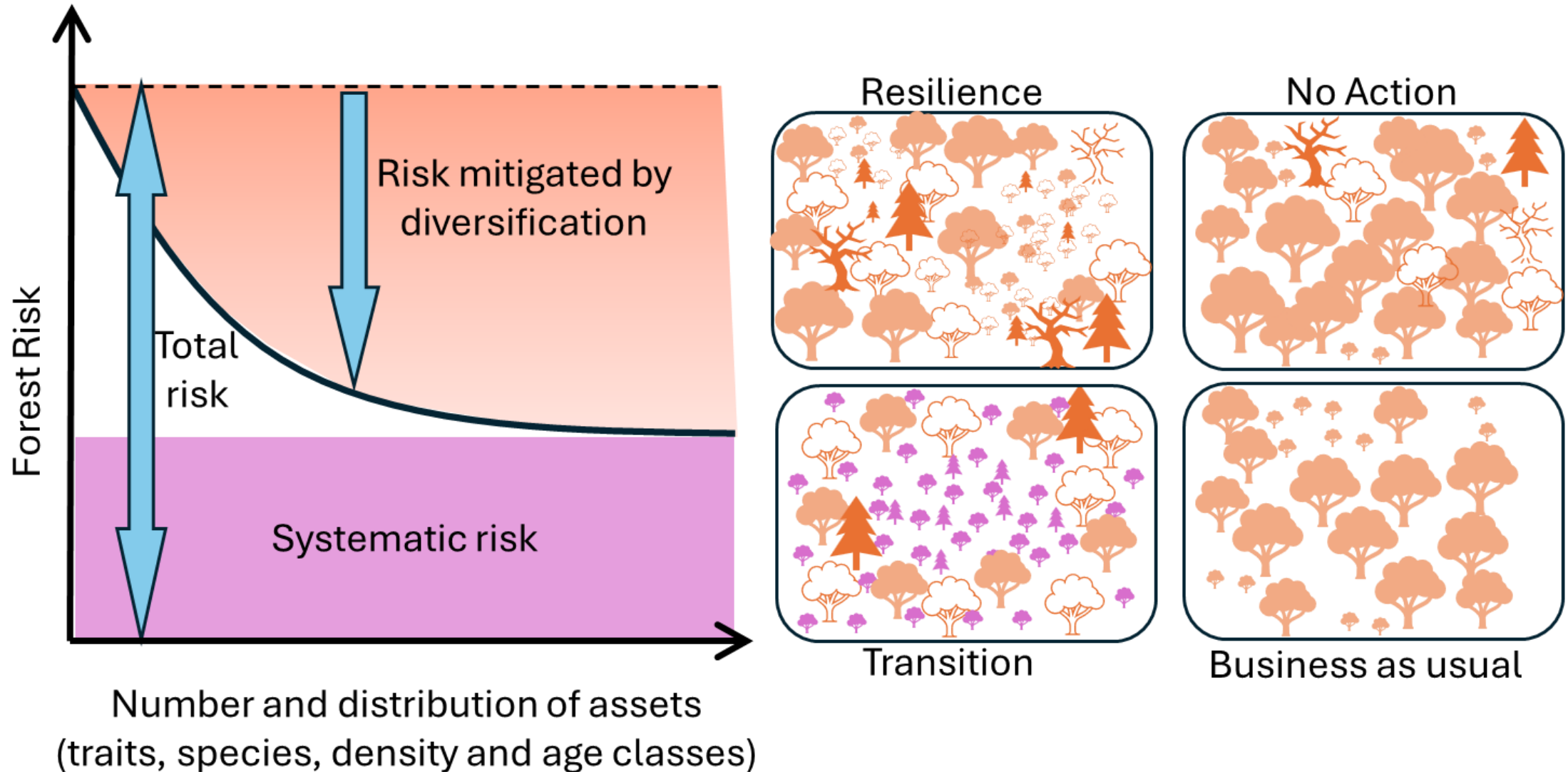
FOREST COMPOSITION & STRUCTURE



ECOSYSTEM SERVICES



Adaptive Capacity Through Silviculture (ACTS) Experimental Framework



What can we learn from this research?

- 1) Do species in assisted migration plantings perform well?
- 2) Are treatments successful at creating desired future conditions?
- 3) What are the short and long-term economic and ecological tradeoffs of these alternative strategies?

