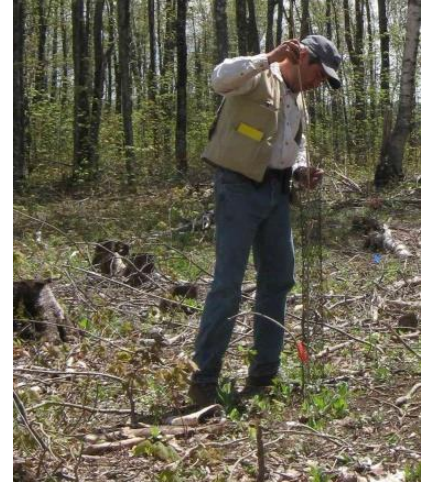


## Matthew Duveneck Applied Research Examples

### ***Climate Adaptive Planting***

During my PhD research, I developed [adaptive management scenarios](#) with land managers from the Nature Conservancy. I simulated these scenarios under climate change projections in Northern Great Lake landscapes. As an application of the work, they launched a [landscape wide planting campaign](#) in northern Minnesota to include climate adaptive species based in part on our research.



### ***Canopy Fuel Reduction***

During my MS research, I characterized canopy fuels in pitch pine forests. The [empirical model I developed](#) continues to be used by land managers to [evaluate and reduce the risk of crown fire in northeast US pine barrens](#).



### ***Future Land Management Scenarios***

At Harvard Forest, I am simulating forest change in New England within [alternative future land management scenarios](#). These scenarios and simulations will inform policy makers on the effects of alternative actions.

