

↑ Establish reserves

- Passive management, non-extractive management
- Can occur across many scales: property, portion of property, stand, groups
- May or may not be permanently conserved

Benefits

- Seeks to maximize on site carbon storage (avoids emissions from timber harvests)
- Can promote many other ecological benefits - biodiversity, develop old forests, build soils, protect unique sites and climate refugia
- Best on rich, protected sites, low risk for disturbance

Considerations

- Without natural disturbances, carbon sequestration will naturally decline with stand age
- If there are disturbances, some stored carbon will be emitted
- May not be best for forests in need of restoration or fire, or with forest health issues or significant climate vulnerabilities
- May cause leakage

Modeled carbon in 80-100 yo MBB stand after 160 years suggests that passive management may accrue more carbon

