Agroforestry Options for Timor-Leste
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- Watershed protection
- Range management
- Fodder banks
- Fuel wood
- Craft wood
- Sandalwood
Watershed protection

• Loss of trees and ground cover plants
• Soil erosion
• Over grazing
• Soil compaction
• Increased runoff
• Downstream flooding
• Need protection of highlands, where most of the rain falls
Watershed degradation: causes

- Overgrazing
- Burning
- Shifting cultivation
Over grazing

- Livestock eat all palatable grasses
- Weeds take over
- Soil compaction
- Increased runoff and downstream flooding
Improved pasture management

- Rotational grazing, letting pastures recover
- Improved grasses and legumes
- Grazing lands are a “commons”
- Community issue
Fodder banks

- Reduce grazing pressure
- Forage available in dry season
- High-protein forage
- Trees already in Timor
- Farmer acceptability of cut and carry system?
Burning

- Promote grass growth
- Clear land for farming
- Hunting
- Vandalism
- Community issue
- Needs to be solved *BEFORE* tree planting starts
Fuel wood

• Timor’s main commercial forest product
• Sustainable?
• Fuel wood lots?
• Leaves as green manure or fodder?