OUTLINE

• Background
• Plantation debate
• Possible solutions
• Discussion
• Conclusion
OBJECTIVE

Using Chile as a case study, examine plantation forestry to determine if plantation forestry can be a tool in the conservation of native forests.

- Meaningful outcomes from the plantation vs. natural forest debate?
- Policies that allow for conservation and economic benefits?
BACKGROUND

- Independent democracy
- Strong state building history
- High poverty rate
- Pinochet regime
- Comprehensive Environmental Law
- Native Forest Law

“The debate over the future of Chile’s forests has become perhaps the most contentious and highly publicized issue related to development and the environment in Chile.”

Taylor 1998
JUST THE BASIC FACTS

- Plantations supply 84% of Chile’s wood needs
- Radiata pine primary plantation species
- Wood fiber is one of the most important resources for the economy
- 40% of the population is in poverty
- Remaining native forests threatened with degradation by fuel wood harvesting and livestock grazing
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<th><strong>Bads</strong></th>
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<td>Plantations</td>
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<td>• degrade water quality</td>
<td>• Meet demand for wood</td>
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<td>• Impose social justice problems</td>
<td>• Provide jobs</td>
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<td>• Threaten native forest</td>
<td>• Improve degraded lands</td>
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POSSIBILITIES

• Community Forestry
  • Llancahue
• More Plantations
• Reserves and Parks
• Alternative Fuel Sources
  • Fuelwood certification
• Private initiative
  • Native tree production and planting
DISCUSSION

- Side effects of plantations
  - Spillover effect
- How to work with local communities
  - Sustainable forest management
  - Infrastructure
- Agriculture and Wood
  - Free range livestock
  - Poor quality soil for subsistence agriculture
CONCLUSION

- Plantations can supply higher wood volume on less area than native forests
- Already degraded land can be reclaimed by plantations
- Plantation forests with a compliment of other strategies should be considered a vital part of conservation strategy in Chile
QUESTIONS?
REFERENCES