FORESTRY’S IMPACT ON SOUTH CAROLINA’S ECONOMY

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OUTLINE

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- Activities Analyzed
- Research Approach
- Results:
  - Some details
  - Totals
  - Overall impact of S.C. Forests Products
- Summary and Conclusions
ACTIVITIES ANALYZED

- Forest-based recreation
- Nursery and tree production (including Christmas trees)
- Forestry-related service providers
- Firewood, mulch and soil conditioners, Pine straw, and shavings mills producers
- Woody biomass energy production
- Wood-based laminates
- Mattresses production
- Blinds and shades production
- Wood casket and Wood musical instrument manufacturing
- South Carolina-based forestry product export activity
- South Carolina wood-based wholesale activity
- Forestry-related Federal Government, State Government, and University activity
RESEARCH APPROACH

- Such models replicate the re-spending of $s due to a certain sector (such as woody biomass-based energy) or activity (forest recreational use)
- Data for the specific activities drawn from numerous sources
  - U.S. Fish and Wildlife publication major source for forest recreation
  - S.C. Forestry Commission on-line database of primary and secondary wood processors another important source
- Total impacts: direct + indirect + induced
- Direct impacts (direct only)
THE RESPENDING OF $s
i.e., The Multiplier Process

This Multiplier Process can be seen with $1 worth of initial spending!
Based on U.S. Fish and Wildlife Service estimates regarding outdoor recreation in South Carolina:

- 10,178 jobs
- $0.268 billion in labor income
- $0.461 billion in Gross State Product
- $0.778 billion in output
- Impacts throughout various parts of economy, largest in restaurants and hotels-motels.
NURSERY & TREE PRODUCTION

and Forest Service Producers

• QCEW data (U.S. Department of Labor), used in both estimate
• Christmas Trees major part of Nursery and tree production
• Direct impact:
  • 1,425 jobs
  • $63.451 million in output
• Forest Service Providers
• Direct impact:
  • 1,341 jobs
  • $55.755 million in output
FIREWOOD, MULCH, PINE STRAW, SOIL CONDITIONERS...

- S.C. Forestry Commission Database and a variety of other sources.
- Direct impact:
  - 396 jobs
  - $111.737 million in output
WOODY BIOMASS POWER PRODUCERS

- S.C. Forestry Commission personnel/database

Direct impact:
- 115 jobs
- $111.442 million in output
BLINDS/SHADES, WOOD LAMINATE...

- IMPLAN and QCEW data
- Direct impact:
  - 810 jobs
  - $254,094 million in output
• Wilbur Smith Associates, Inc. (2008), QCEW
• Direct impact:
  • 385 jobs
  • $85.126 million in output
FORESTRY-RELATED GOV’T ACTIVITY

• S.C. Forestry Commission, U.S. Forest Service, and from public records regarding Clemson University

• Direct impact:
  • 556 jobs
  • $57.772 million in output
TOTAL CONTRIBUTION OF EXAMINED ACTIVITIES

- 17,468 jobs
- $0.558 billion in labor income
- $1.005 billion in Gross State Product
- $1.706 billion in output
- Divided Contribution by Major Category in S.C. Economy
CONTRIBUTION OF JOBS & LABOR INCOME
TOTAL CONTRIBUTION OF FORESTS/PRODUCTS

including both studies’ results

- 90,320 jobs
- $4.481 billion in labor income
- $6.757 billion in Gross State Product
- $18.573 billion in output
SUMMARY AND CONCLUSIONS

- Economic contribution of activities evaluated in this study is significant everything from Christmas Trees to Forest-based recreation
- Adding the contribution of activities examined in this study to prior study demonstrates strong contribution by Forestry-based products to the S.C. economy!
QUESTIONS? COMMENTS?