

**INITIAL ECONOMIC IMPACTS OF THE MISSISSIPPI-ALABAMA SEA GRANT
RESEARCH, EXTENSION, EDUCATION AND OUTREACH PROJECTS**



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ABSTRACT

This paper demonstrated how an economic impact analysis data and software in Mississippi and Alabama can be used in estimating the marginal economic impacts of Sea Grant projects. Two levels of marginal economic impacts of Sea Grant projects were estimated in the year 2012. The initial marginal economic impact estimation template consisted of a scenario where projects received \$70,000 federal funding for the year 2012. The second level of marginal economic impacts template consisted of scenarios where annual gross sales or annual labor income was increased by \$1 million in the year 2012 due to new technology developed by Sea Grant projects. For example, the initial marginal economic impacts of the \$70,000 federal funding for the implementation of the technical adjustment assistance program for commercial shrimp fishermen in Mississippi and Alabama in 2012 consisted of total sales impacts amounting to \$102,718, additional 1.9 jobs, and increase in labor income by \$38,781 in the two states. The second level of marginal economic impacts consisted of a million-dollar-increase in labor income among Mississippi and Alabama commercial fishermen associated with the technical assistance from the federal government. The increase in proprietors' income of commercial fishing vessels by \$1.0 million in 2012 generated total induced effects of \$0.627 million sales impacts and 5.6 job impacts.

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