# Logic Model and Impact Statements for NCRAC

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# Why now? New requirement for all RACs in the next Request for Applications (RFA) Improve communications among all participants in NCRAC Increased need to identify impacts Communicate the effectiveness of the RAC programs to the public

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- acid balance.(3) Determine how formulations in fish grown to market size influence growth, fish health, product quality and consumer
- acceptance.
   (4) Meet stakeholders educational needs (which are?) through the development of an integrated outreach program including at least one WRAC Extension publication.

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### What do we want?

Clearly defined changes as a direct result of the research and extension projects funded

### For Example:

- Water saved
- Reduction in pollution / carbon footprint
  Human and ecosystem health benefits
- observed
  Dollars saved / increased profit
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- Jobs created, etc...

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### How do we get there? Direct analysis and estimation of:

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- · Water usage given researched methods
- · Chemical composition of effluents
- Dollars and miles saved from locally sourced products to markets
- Comparison of BMPs used in research to conventional methods, and resulting changes
- Estimate increases in production, decreases in fixed and variable costs, and acceptance of new procedures
- Direct contact with fish farmers and monitoring aquaculture unit license changes through state natural resource agencies

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### **Tools for Creating Impact Statements**

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- Surveys
- SurveyMonkey
- State aquaculture records
- Agriculture census
- USGS monitoring stations

• Effluents

### **Tools for Creating Impact Statements**

- MarketMaker
- Change in suppliers and retailers
- Aquaculture community changes

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- Feed suppliers
- Aquaculture associations
- Fish processor



### Make your message obvious

Version 1: for professional colleagues Version 2: for traditional stakeholders Version 3: for decision makers and the general public

## Be direct and clear

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### Poor Impact Statement

The outputs of this project are expected to provide enhanced pest and disease scouting protocols, more rapid diagnostic confirmation, and more timely pest management strategies for implementation by growers throughout the United States.

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### **Final Thoughts**

Goal for these changes is to improve communications among all participants in the NCRAC community while also assuring future funding opportunities.

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### Credits (used in part for this presentation)

Used in part for this presentation -

- Ellen Taylor-Powel (University of Wisconsin Cooperative Extension) "Logic Models to Enhance Program Performance"
- Don Webster (University of Maryland Extension, Extension) "Outreach and Public Relations: The Difference is in the Outcome"
- USDA-NIFA "The Importance of Impact Statements and How to Write Them"

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