



SAFMC
Citizen Science
Program Design
Workshop

Jan. 19-21, 2016



North Carolina Sea Grant:

Your link to research & resources for a healthier coast.

Building Partnerships for Success:

*A collaboration to design a
solution to safely release fishes
that experience barotrauma*

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Regional Barotrauma Study

Overview

Goals

Capacity

Design

Manage

Adapt



Release Gear on For-Hire Boats

Overview

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■ Science

- Demonstrate ‘barotraumatized’ fish survive if released with descending gear

■ Participants

- ‘real-world’ fishing setting aboard for-hire boats with paid captains, mates and 30+ passengers

■ Policy / Action

- Improve survivorship of discarded fishes

Building Partnerships for Success

Overview

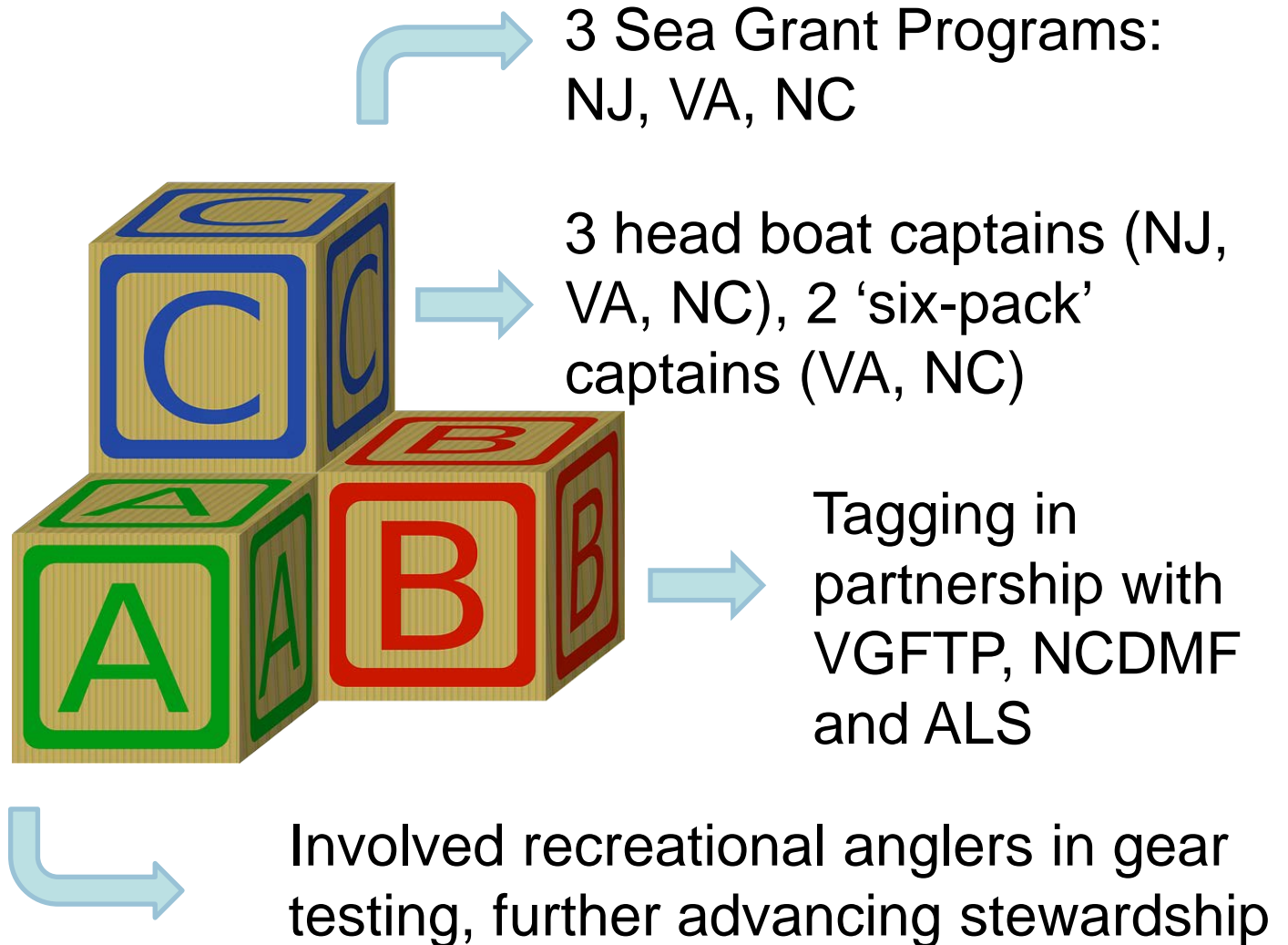
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Traditional Ecological Knowledge



- **Knowledge from ‘here’**
 - location specific, detailed, not easily generalized to other places
- **Knowledge from ‘away’**
 - professional understandings based on assumptions and evidence, transferable across time and space

Descended Fish Live to Tell the Tail

Overview

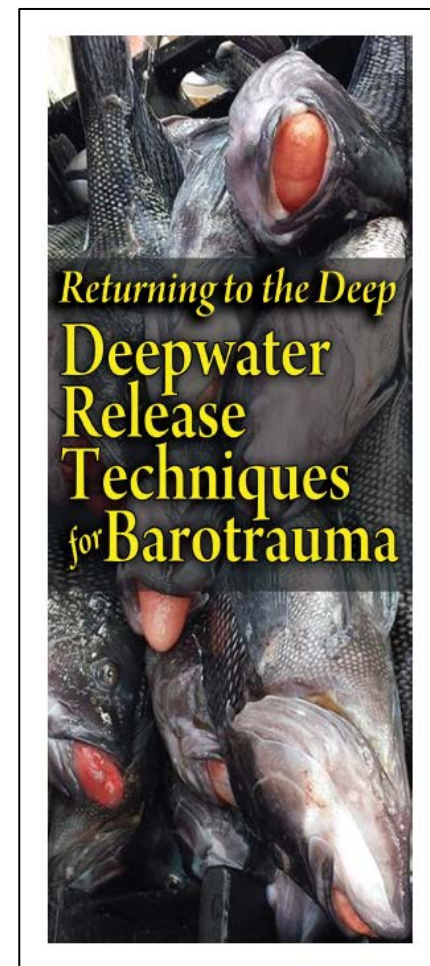
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Lessons Learned...

- No one set tool or device for everybody.
- Post-project outreach should include discussion with respective local enforcement officers.
- Full support within the recreational industry likely garnered only by offering incentives.

“Getting fishermen — recreational anglers and commercial fishermen, too — to use stuff like that is challenging. But, I think the way Sea Grant goes about it, where they work cooperatively with boats rather than order them around, it has potential.” – Capt. Ernie Foster

