

# NOAA Chesapeake Bay Office Survey

## 2013 Keystone Species Workshop Series at VCU

### **Implementation Survey**

A few weeks ago we sent you an email letting you know we would be sending this follow-up survey.

In summary, it has been a few months since the Keystone Species workshop series, and we wanted to check in with you about how you may have used content from this workshop in your education programming, program planning, and possibly even your non-professional life. The agendas for both sessions can be found [HERE](#).

The information you provide will help the Environmental Science Training Center evaluate the effectiveness of the workshops we have been providing over the past couple of years, and help us plan future workshops.

1 Which Keystone Species Workshop Series session did you attend?

- Session 1, February 21, 2013
- Session 2, March 21, 2013
- Sessions 1 and 2 - February 21 and March 21, 2013

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### **Program Implementation**

2 Which of the following hands-on Keystone Species Activities have you included in your programming? (Check all that apply).

- Session 1: Building Plankton
- Session 1: Phytoplankton Monitoring Network (Microscopes)
- Session 1: Building ROV's
- Session 2: SCUTES Natal Homing
- Session 2: Endangered Species Board Game
- Session 2: Fish Dissection

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3 Which of the following presentations provided you with science content and concepts that you included in your own presentations? (Check all that apply).

- Session 1: The James River - A Case Study: Trophic Complexity and Shifting Baselines, Greg Garman
- Session 1: Plankton in the Chesapeake Bay and James River, Todd Egerton
- Session 1: Nutrients and Phytoplankton Nasties - Nutrient and Phytoplankton Dynamics, Harmful Algal Blooms, Paul Bukaveckas
- Session 1: Oysters and Oyster Restoration- History Disease and Management, Bonnie Brown
- Session 1: Menhaden Fishery - History, Disease and Management, Steve McIninch
- Session 2: Threatened and Endangered Species in Chesapeake Bay, Donna Stotts
- Session 2: Atlantic Sturgeon - Management, Life History, Status, and Restoration Efforts, Matt Balazik
- Session 2: Ecosystem-Based Fisheries Management - How Land Use and Fish Populations Are Connected, Lonnie Gonsalves
- Session 2: Invasive Species (Blue Catfish), Greg Garman and Dave Hople

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4 What specific science concepts, content, resources and activities from the Keystone . Species Workshop Series have you incorporated into your programming?

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5 How were these components implemented? (Was it a totally new activity for your program? Did you use it to supplement existing programs? Other...)

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6 How often have you used this new information or materials, and for what age group?

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- Every program
- A couple of programs/week
- A couple of programs/month
- Occasionally
- Not at all
- Other

Comment:

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7 With what age group(s) have you used content, materials, and activities from the workshop? (Please, check all that apply).

- Pre-K
- Elementary School
- Middle School
- High School
- Adults
- Other

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8 How will the training you received help your organization or school meet state curriculum goals (Environmental Literacy Standards, Common Core, Next Generation Science Standards)? (Please explain).

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9 Did you find Dropbox a useful tool for sharing presentations, activities and content related to this workshop? Please explain.



- Yes
- No

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10 Would you use an archived version of the presentations (video of presentations, audio recording with ppt. slides, other) as a reference, or for sharing with your audiences?

- Yes
- No

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11 How did the Keystone Species Workshop Series benefit you as a professional educator?

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- 12 If you have a story (not captured in the questions above) about how the workshop was used with program participants, or how it may have impacted you in a more personal way, we would love to hear it. Insights from your students, colleagues, or family members are welcome.

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Thank you for your thoughtful participation in this survey!

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*You are not required to share your name. Please, indicate in the survey if you wish to remain anonymous. Notwithstanding any other provisions of the law, no person is required to respond to, nor shall any person be subjected to a penalty for failure to comply with, a collection of information subject to the requirements of the Paperwork Reduction Act, unless that collection of information displays a currently valid OMB Control Number.*

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