



# Internal and External Efforts to Collect and Utilize **Self-Reported Angler Data**



# Initiatives by Other Fishery Management Councils

## Fishery Performance Reports

- Advisory Panels summarize perspectives on a variety of species specific issues:
  - Fishing behavior
  - Biological trends
  - Environmental Issues
  - Market conditions

## Citizen Science

- SAFMC created a full time position to support development of citizen science initiatives.
  - Projects designed to meet specific data gaps
  - Project design is done collaboratively with stakeholders and scientists



# SEDAR Initiatives

- SEDAR Data Workshop
  - Private, for-hire, and commercial fishermen participation
  - Input critical to understanding data and fishery trends
- SEDAR Observers
  - Assessment and Review workshop
  - Provide insight to ground-truth model results



# Current Internal Avenues for Information Collection

- Data Portal
  - Goliath grouper
  - Lionfish
  - Coral?
- Public Comment
  - Online comment forms (Amendments & General)
  - Oral testimony
  - Email
  - Facebook



# Public Comments in Management

- Compile written public comments:
  - Public testimony from Council meetings.
  - Written comments from website, letters.
- “Code” for content and themes:
  - Content: State, sector, topic, or amendment.
  - Theme: Shared perspectives, underlying ideas.



# Public Comments: Software Interface

The screenshot displays a software interface for processing public testimony. It features several key components:

- Document Browser (Left):** A tree view showing a hierarchy of documents, including "Public Testimony at Council Meetings" and "Code System".
- Code System (Bottom Left):** A list of codes and their associated counts, such as "State" (1364) and "Sector" (3209).
- Document Viewer (Center):** A window displaying the text of a public testimony, with line numbers on the left. The text includes statements from Dr. Crabtree and Mr. Werner regarding fishing quotas and recreational seasons.
- Retrieved Segments (Right):** A panel showing segments of the testimony, with a list of segments on the left and their corresponding text on the right.

Overlaid on the screenshot are three diagonal labels:

- Documents** (top-left to bottom-right)
- Coding** (middle-left to middle-right)
- Retrieved segments from coded verbatim transcription of public testimony** (bottom-left to top-right)

The bottom of the screenshot shows a Windows taskbar with the system clock indicating 12:07 PM on 5/23/2017.



# Public Comments in Management

- Retrieve segments of comments to:
  - Examine support and opposition to a proposed management action.
  - Compare comments by sector, state.
- Informs social effects sections, as applicable.
- “Anecdotal” observations can be used to build theory for testing hypotheses.

