



Blueline Tilefish and Climate Change



Chip Collier
Fishery Biologist
South Atlantic Fishery Management Council



Life History

- Inhabit soft, sandy sediment between 91-150 m
- Temperature range 15-23°C
- Maximum age - 43 years
- Dimorphic growth with males growing larger than females
- $L_{inf} \sim 600$ mm TL (24 inches)
- Gonochoristic





Assessed in SEDAR 32

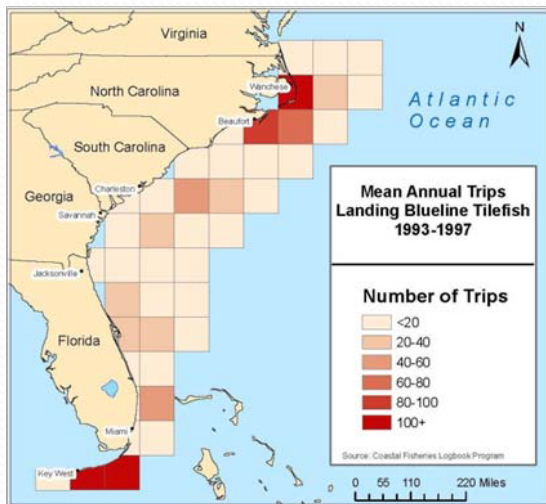
- Data from 1974-2011
- Identified the stock as a coast-wide stock
- Included all reported Blueline Tilefish landings in Atlantic
 - Aggregated Tilefish not included
- Included age data from Florida through Virginia



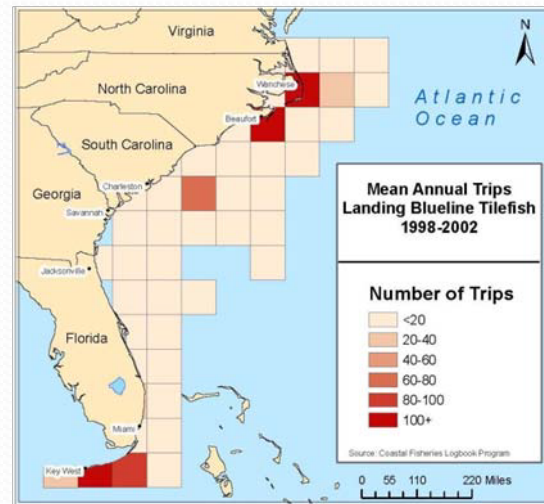


Commercial Trips Landing Blueline Tilefish

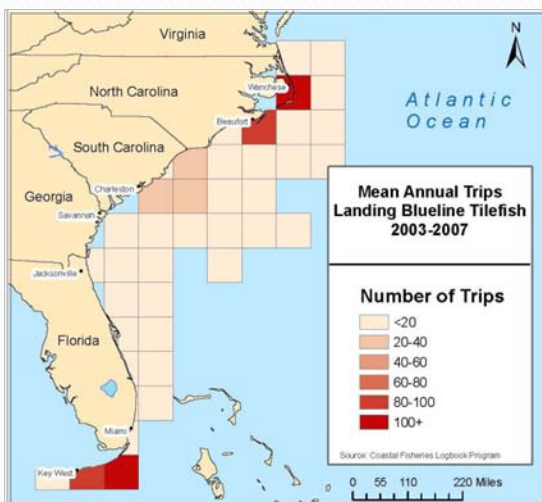
1993-1997



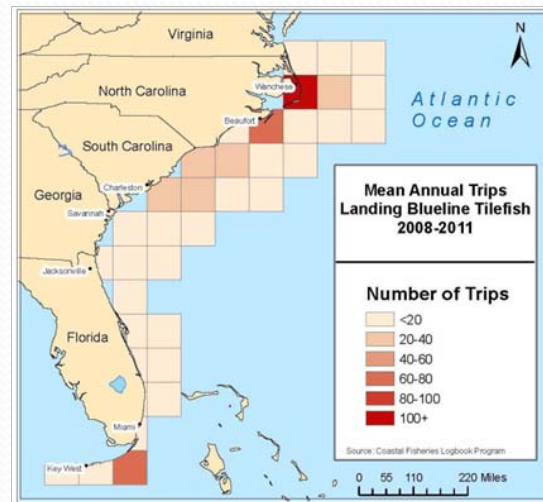
1998-2002



2003-2007

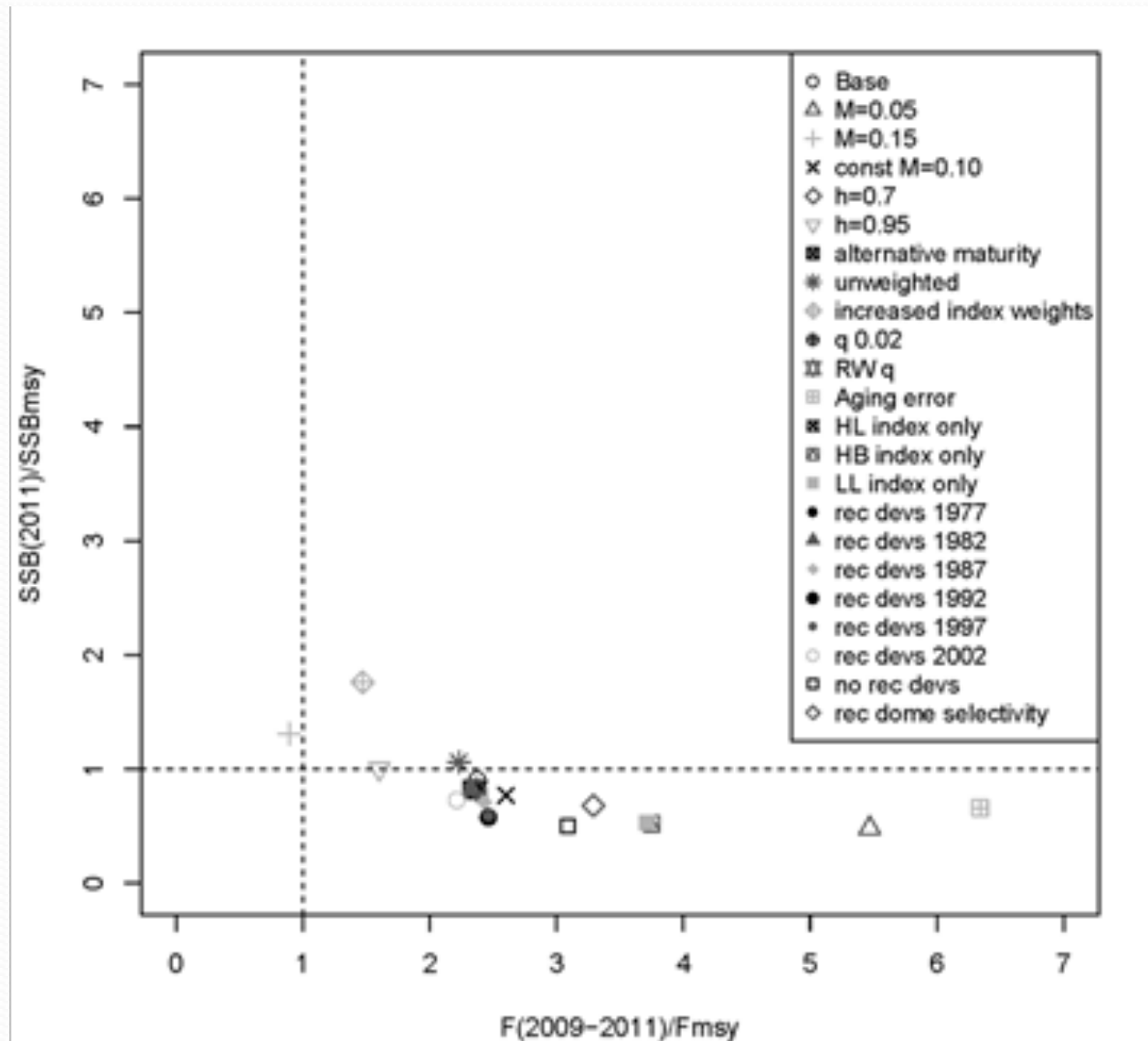


2008-2011





Stock Status from SEDAR 32



2017 Fisheries Forum



Changes to fishery availability: governance and coordination challenges

Atlantic Coast Blueline Tilefish Example

Brandon Muffley

Mid-Atlantic Fishery Management Council

May 1, 2017



MID-ATLANTIC FISHERY
MANAGEMENT
COUNCIL

Blueline Tilefish Commercial Dealer Landings 2004-2015

