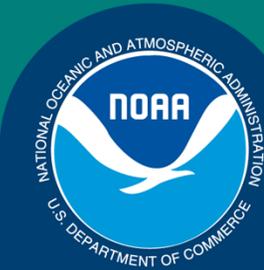


Science, Service, Stewardship



SEDAR 22 Review Workshop: Tilefish Model Comparison



Tampa, FL

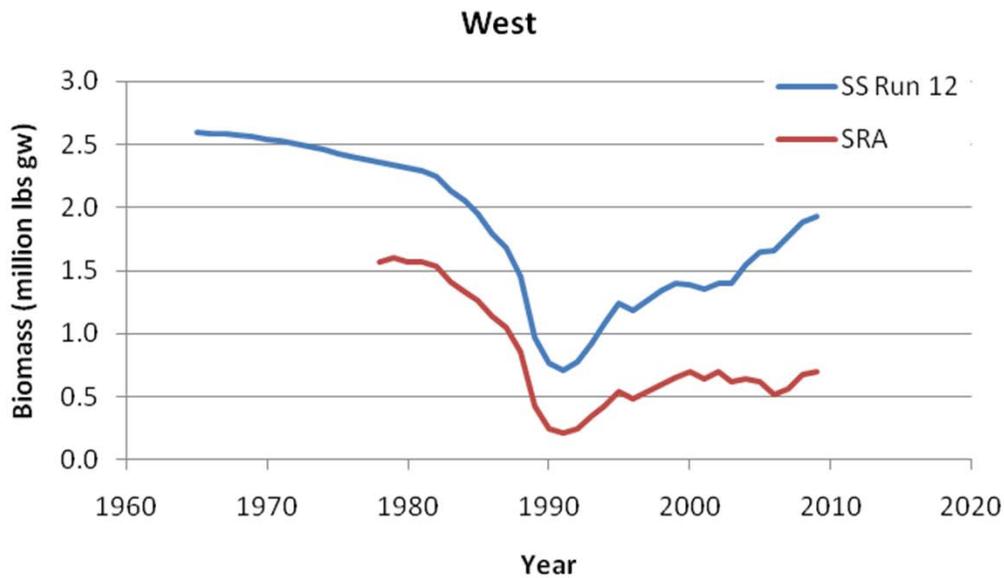
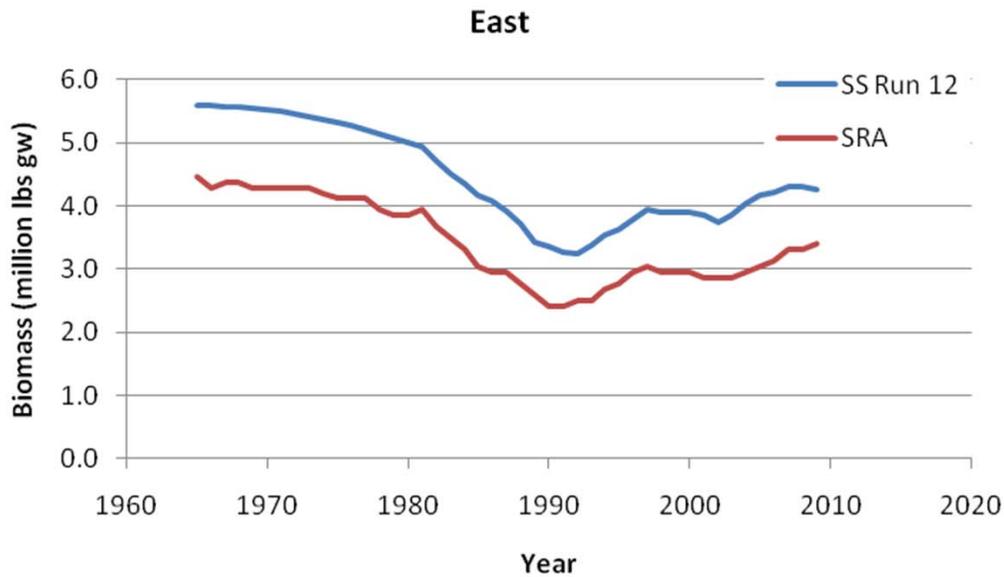
Feb. 14-17, 2011

**NOAA
FISHERIES
SERVICE**



SS Run 12 vs. SRA

- SRA is most similar in configuration to SS Run 12
- SRA uses
 - Total commercial landings
 - Commercial longline index
- SS Run 12 uses
 - Total removals
 - Emphasizes fit to indices
 - Deemphasizes fit to length and age composition



Biomass Comparison

SS outputs total biomass

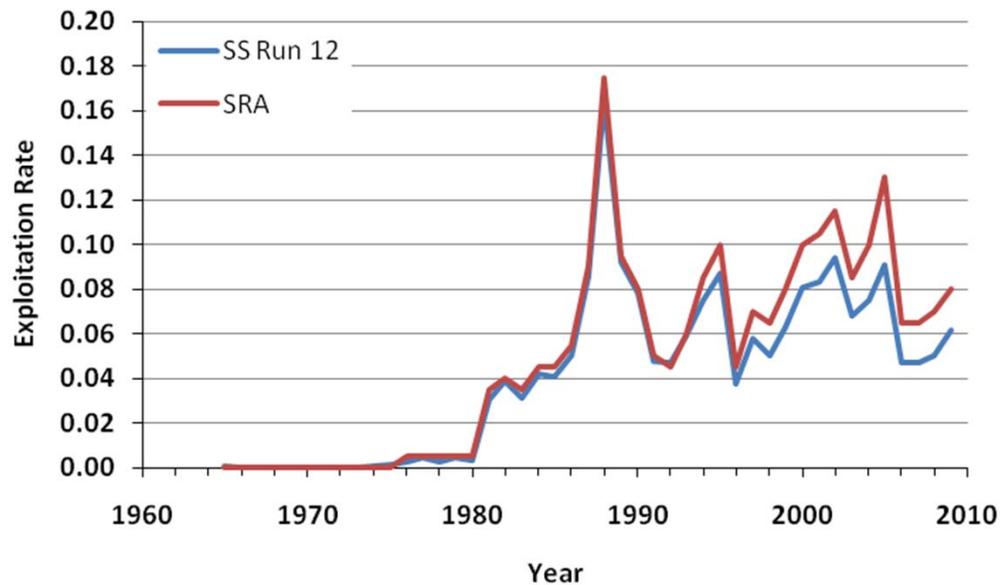
SRA outputs vulnerable biomass

Trends similar in east

Trends differ in west for yrs with age and length comp in SS



Fishing Mortality



SRA and SS use exploitation rate as proxy for F

F differs only in later years when age and length comp in SS



Stock Status

- SS Run 12 and SRA agree on stock status
 - Not overfished and not undergoing overfishing
- SRA and SS management runs disagree on stock status
 - SS management runs indicate stock is not overfished but is undergoing overfishing
 - Difference in stock status due to signal in age and length comp data