

Atlantic States Marine Fisheries Commission

American Eel Stock Assessment Subcommittee

Call Agenda

May 27th, 2021

10:00 am – 12:00 p.m.

Please join my meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/647205445>

You can also dial in using your phone.

United States: +1 (571) 317-3122

Access Code: 467-205-445

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|-----------------|--|
| 10:00 am | Welcome (Sheila) |
| 10:05 am | Stock Synthesis for Chesapeake Bay (Laura) |
| 10:15am | Traffic Light Analysis (Kristen) |
| 10:35 am | Production Modeling with time-varying r/K (Matt) |
| 10:50 am | Delay-Difference Model (Jason) |
| 11:10 am | Habitat Analysis (John Young) |
| 11:30 am | ASC Call summary (Kristen) |
| 11:50 am | Discuss Next Steps (Sheila) |

Models and committee assignments

Model	SAS Member(s) Responsible
LIME (length-based integrated mixed effects)	Laura
Production Model	Kristen (Matt)
Production Model, time varying r	Kristen & Matt
Power Analysis	John (Kristen)
EPR	John
AIM (An Index Method)	John (Matt)
DLM Toolkit	Jason
Mann Kendall (later, if needed)	Laura
ARIMA (later, if needed)	John

Other assignments

Life History Section	SAS Member(s) Responsible
Stock Definition	Sheila, Kirby
Migration Patterns	Sheila, Kirby
Life Cycle & Description of Stages	Sheila
Age	Kristen
Growth (literature review and analysis)	Analysis: Keith (Laura), Lit help: Sheila
Reproduction	Sheila
Food Habits	Kristen, Matt
Natural Mortality (literature review and analysis)	Troy
Incidental Mortality	Troy, Aman (Sheila)
Check food habits and bycatch databases	Matt

Habitat Section	SAS Member(s) Responsible
Habitat Lit	Kristen, Wilson Laney (Habitat Committee)
Habitat Model	John Young
Habitat Analysis FI survey	Kristen

Short-term timeline for index development and model exploration

Date	Task	Completed
December, 2020 - January, 2021	Index subgroup works individually on state surveys	X
January 27, 2021	Index subgroup check-in call -present each survey to include/exclude -include summary info on survey (gear, stage caught, etc.) -show standardized index -present descriptive data (proportion positive tows through time, median/min/max lengths, covariates available and those used, GLM model used, caveats)	X
Early February, 2021	Follow-up work	X
February 22, 2021	SAS call to review indices	X
March, 2021	SAS preliminary work on coastwide index and models begins	X
March 30, 2021	SAS check-in call on model progress	X
April 27, 2021	SAS check-in call on model progress	X
Update: July 2021?	Model Workshop I	