

Evaluating American Lobster Stock Dynamics under Changes to Life History and Management Regulations

Monday, February 6th

9:30 – 10:45

- Introduction of the team (Cameron and Yong)
 - *Some members will be remote*
- Presentation of the project (Yong)
 - *Overview of the grant: objectives and deliverables*
- Presentation on the IBLs (Cameron)
 - *Overview of history, capabilities, inputs, and outputs*
- Presentation on the IBLs tuning process (Cameron)
 - *How the model was updated for GOM/GBK with the 2020 assessment*
 - *How the model was created for the SNE stock*
- Discussion/Questions on morning presentations

11:00 – 12:15

- Presentation on GOM/GBK Phase 1 results (Cameron)
 - *Presentation of individual simulation results (34 sims)*
- Discussions of GOM results
 - *Focused on questions about results and interpretation of patterns*

1:15 – 2:45

- Presentation on SNE Phase 1 results (Cameron)
 - *Presentation of individual simulation results (35 sims)*
- Discussion of SNE Results
 - *Focused on questions about results and interpretation of patterns*

3:00 – 4:15

- Discussions of GOM/GBK Phase 2 simulations
 - *Objective: Compile a list of all GOM/GBK Phase 2 simulations to test*
- Discussions of SNE Phase 2 simulations
 - *Objective: Compile a list of all GOM/GBK Phase 2 simulations to test*

7:30 - 9:30

- Dinner with workshop group at Luke's Lobster

Tuesday, February 7th

10:00 – 11:15

- Review of February 6th discussions (Claire and Nathan)
- Presentations of published papers from work (Cameron)
 - *Climate-driven shifts in growth and maturity induce changes to the population and fishery dynamics of a high-value crustacean*
 - *Climate-driven changes in growth and size at maturity of Gulf of Maine lobster stocks: implications for stock assessment models*
- Continued discussions of GOM/GBK and SNE Phase 2 simulations
 - *Objective: Compile a list of all GOM/GBK Phase 2 simulations to test*
 - *Objective: Compile a list of all GOM/GBK Phase 2 simulations to test*

11:15 – 12:30

- Wrap-up and general concerns/questions
- Any other matters the group wants to discuss