**Tentative plan for the 2021 CIE review of the stock assessment for**

# Pacific cod in the Eastern Bering Sea

# Meeting details:

* Dates: April 26-30, 2021
* Times: 9:00 a.m. – 3:00 p.m. (Pacific Daylight Time) each day, with breaks
* Location: Virtual, using Google Meet
  + Meeting ID: meet.google.com/zau-aicj-ywx
  + Phone: (
  + PIN:
* Website: http://bit.ly/Pcod\_CIE

# Review personnel

* Review chairperson: Ingrid Spies (Status of Stocks and Multispecies Assessment (SSMA) Program at the Alaska Fisheries Science Center (AFSC))
* Assessment team:
  + Grant Thompson (SSMA/AFSC)
  + Steve Barbeaux (SSMA/AFSC)
* Reviewers:
  + Arni Magnusson, General Fisheries Commission of the Mediterranean, FAO
  + Henrik Sparholt
  + Yan Jiao, Department of Fish and Wildlife Conservation, Virginia Tech

**Rules of engagement**

This is a public meeting, and participation by the public is welcome. However, the primary goal is for the CIE reviewers to work through as many of the Terms of Reference (ToR, linked in the meeting website) as possible in the time available. Therefore, discussion priority will be given to the CIE reviewers, and the review chairperson may choose to place reasonable limits on public participation if, in her opinion, such limits are necessary in order to achieve the primary goal of the review.

# Background information

The meeting website provides background information in the sections titled “Documents” and “Pre-recorded presentations.”

The “Documents” section contains links to the following pdf files (note that there are no corresponding Powerpoint files for these):

1. EBS Pacific cod stock assessment 2020.  Reading this document prior to the review will be especially important (although the section of Appendix 2.1 on “Cross-conditional decision analysis” can be skipped, as it has been supplanted by the next document in this list).
2. Cross-conditional model averaging 2.  This manuscript describes a method for model averaging that I have been working on for the last few years, and could be useful to consider if the reviewers decide to prioritize the ToR topic on model averaging.
3. Spies et al. 2020 (Pacific cod genetics, EBS and NBS).  This paper provides the basis for treating the fish in the EBS and NBS as comprising a single stock.  Although, like the other files in this folder, there is no corresponding Powerpoint file for this, it will be treated as a “presentation” for the purpose of providing it a time slot on the schedule for Monday (see below).

The “Pre-recorded presentations” section contains links to the following Powerpoint files, each complete with narration:

1. Conner—survey data. Author: Jason Conner works in the Groundfish Assessment Program (GAP) of the AFSC.
2. Stone and Anderl—ageing.  Authors: Kali Stone and Delsa Anderl work in the Age and Growth Unit of the AFSC.
3. Kraski—North Pacific Observer Program.  Author: Joel Kraski works in the Fishery Monitoring and Analysis Division of the AFSC.
4. Furuness—catch accounting system and inseason management.  Author: Mary Furuness works in the NMFS Alaska Region office.
5. Nielsen—tagging. Author: Julie Nielsen (Kingfisher Marine Research) is a contractor with GAP/AFSC.
6. Correa—somatic growth variability.  Author: Giancarlo M. Correa is a PhD student of Lorenzo Ciannelli at Oregon State University.
7. Thorson—ADT movement models.  Author: Jim Thorson leads the Habitat and Ecosystem Processes Research Program of the AFSC.
8. Thorson—VAST fishery CPUE model.  Author: See above.
9. Shotwell—Ecosystem and Socioeconomic Profile (ESP). Author: Kalei Shotwell works in SSMA/AFSC.
10. Thompson—assessment background as context for the ToR.  Author: See above.

# Review schedule

Here is the tentative schedule (agenda) for the meeting:

* Monday
  + Take up questions and answers related to pre-recorded presentations #1-9 in the above list, plus the genetics paper by Ingrid Spies linked in the “Documents” section of the meeting website.
  + See the table below for *a rough idea* of the envisioned schedule for this day (overlapping time slots are intended to suggest that the beginning and ending times are only approximate).
* Tuesday
  + Attend to any unfinished business from Monday.
  + Take up questions/answers related to the final pre-recorded presentation (#10).
  + Prioritize the topics listed in the ToR and select one or more specific recommendations from each topic.
  + Begin working through the ToR, in priority order.
    - This may involve homework assignments for the assessment team.
* Wednesday and Thursday
  + Review results of the preceding day’s homework assignments, if any.
  + Continue working through the ToR, in priority order.
    - This may involve additional homework assignments for the assessment team.
    - Note that it may not be possible to address all of the ToR in the time available.
* Friday
  + Review results of the preceding day’s homework assignments, if any.
  + Write reports

Table of approximate time slots for questions and answers on pre-recorded presentations during Monday’s session (note that presentation #10 will be taken up on Tuesday).

