



North Pacific Fisheries Commission

NPFC-2019-SSC PS05-MIP03 (Rev. 2)

**North Pacific Fisheries Commission
5th Meeting of the Small Scientific Committee on Pacific Saury
13-16 November 2019
Shimonoseki, Japan**

Annotated Indicative Schedule

Date	Time	Activities	Document
13 Nov	9:30-10:00	Registration	
	10:00-11:30	<p>Agenda Item 1. Opening of the Meeting <i>The SSC PS Chair, Dr. Toshihide Kitakado, will open the meeting.</i></p> <p>Agenda Item 2. Adoption of Agenda <i>The provisional agenda will be reviewed, amended, as appropriate, and adopted.</i></p> <p>Agenda Item 3. Overview of the outcomes of previous NPFC meetings</p> <p>3.1 TWG PSSA04 meeting</p> <p>3.2 SSC PS04 and SC04 meeting</p> <p>3.3 COM05 meeting and CMM 2019-08</p> <p>3.4 Joint PICES-NPFC workshop</p> <p><i>The Chair and Secretariat will brief participants on the outcomes of previous NPFC meetings relevant to Pacific saury: TWG PSSA04, SSC PS04, SC04 and COM05 meetings. Dr. Chris Rooper will report on the results of the joint PICES-NPFC workshop held in Victoria, Canada in October 2019.</i></p> <p>Agenda Item 4. Review of a proposed “Terms of References of the SSC PS” and existing protocols</p> <p>4.1 Terms of References of the SSC PS</p> <p>4.2 CPUE Standardization Protocol</p> <p>4.3 Stock Assessment Protocol</p> <p><i>Participants will review and revise, if necessary, a proposed Terms of References of the SSC PS and the existing protocols for CPUE standardization and stock</i></p>	<p>MIP02, 03.</p> <p>Meeting reports and CMM 2019-08. IP01.</p> <p>TWG PSSA ToR CPUE St. Prot. SA Protocol.</p>

		<i>assessment.</i>	
11:30-11:45	Morning break		
11:45-13:00	<p>Agenda Item 5. Review of Member's fishery status including 2019 fishery <i>Each Member will make a presentation on its Pacific saury fisheries operated in the NPFC Convention Area and adjacent EEZs including recent information from 2019.</i></p> <p>Agenda Item 6. Review of fishery-independent abundance indices</p> <p>6.1 Review of outcomes of Japanese biomass survey including 2019 estimate <i>Japan will present a working paper with updated biomass index up to 2019.</i></p> <p>6.2 Technical aspects</p> <p>6.2.1 Investigation and refinement of q_b biomass</p> <p>6.2.2 Review of simulation results</p> <p>6.2.3 Review of spatio-temporal modelling <i>Participants will discuss technical issues raised at the previous Pacific saury meetings. Members are encouraged to submit meeting documents addressing the above issues to support the discussion.</i></p> <p>6.3 Conclusion as inputs for stock assessments <i>The SSC PS will conclude with the biomass index time series as input to the stock assessment.</i></p> <p>6.4 Recommendations for future work <i>Participants will make recommendations for future work.</i></p>	<p>PS04-WP01.</p> <p>WP08.</p> <p>WP16.</p> <p>WP17.</p>	
13:00-14:15	Lunch		
14:15-15:30	Agenda Item 6. Continued		
15:30-16:00	Afternoon break		
16:00-18:00	<p>Agenda Item 7. Review of fishery-dependent abundance indices</p> <p>7.1 Member's CPUE standardization up to 2018 fishery</p>	<p>WP01, 02, 05, 06, 07.</p>	

		<p><i>Each Member will present a working paper with updated CPUE standardization up to 2018. The SSC PS will agree on fishery-dependent abundance indices as inputs to the stock assessment.</i></p> <p>7.2 Progress on collaborative work for development of joint CPUE</p> <p><i>Participants will discuss the progress on collaborative work for the development of a joint CPUE index.</i></p> <p>7.3 Recommendations for future work</p> <p><i>Participants will make recommendations for future work.</i></p>	WP09, 10, 20, 21.
	18:30-20:30	Reception	

Date	Time	Activities	Document
14 Nov	9:00-10:30	<p>Agenda Item 8. Stock assessment using “provisional base models” (BSSPM)</p> <p>8.1 Review of the key considerations and recommendations from the TWG PSSA04 meeting <i>Participants will review the key considerations and recommendations on BSSPM from the TWG PSSA04 meeting.</i></p> <p>8.2 General implication of BSSPM results for management of Pacific saury: merits and limits of BSSPM assessment <i>Participants will discuss merits and limits of BSSPM assessment with respect to providing scientific advice for the management of Pacific saury fisheries.</i></p> <p>8.3 Review of the results of improved model, if any <i>Participants will review the results of improved BSSPM, if any.</i></p>	WP15, 19.
	10:30-11:00	Morning break	
	11:00-13:00	<p>8.4 Review of updated stock assessment results based on BSSPM (if available during the meeting) <i>Participants may review preliminary results of the BSSPM stock assessments using updated abundance indices if the assessments are conducted before or during the meeting.</i></p>	
	13:00-14:15	Lunch	
	14:15-15:30	<p>Agenda Item 9. Biological information on Pacific saury</p> <p>9.1 Review of comprehensive report from Japan <i>Japan will present a comprehensive report on biological information on Pacific saury for review by the participants.</i></p> <p>9.2 Review of any other documents/papers <i>Participants will review other documents/papers</i></p>	WP13. WP11, 12.

		<p><i>presenting biological information related to Pacific saury stock assessment.</i></p> <p>9.3 Distribution and migration patterns of juvenile Pacific saury</p> <p><i>Participants will further elaborate on distribution and migration patterns of juvenile Pacific saury to respond to the request from the Commission (CMM 2019-08, Paragraph 14).</i></p> <p>9.4 Recommendations for future work</p> <p><i>Participants will make recommendations for future work.</i></p>	
	15:30-16:00	Afternoon break	
	16:00-18:00	<p>Agenda Item 10. Exploration of stock assessment models other than existing “provisional base models”</p> <p>10.1 Data invention/availability (including the identification of potential covariates)</p> <p><i>Each Member will provide information on its data available for sharing to conduct stock assessment with models other than BSSPM.</i></p> <p>10.2 Discussion on age/size/stage-structured models</p> <p><i>Participants will discuss age/size/stage-structured models for stock assessment of Pacific saury.</i></p> <p>10.3 Development of data sharing protocol</p> <p><i>Participants will review the Interim Regulations for Management of Scientific Data and Information and revise them, if necessary.</i></p>	<p>WP03, 04, 14, Data availability</p> <p>WP18.</p> <p>Interim Regulations.</p>

Date	Time	Activities	Document
15 Nov	9:00-10:30	<p>Agenda Item 10. Continued</p> <p>10.4 Initial discussion on simulation setting <i>Participants will hold initial discussion on simulation setting.</i></p> <p>10.5 Recommendations for future work <i>Participants will make recommendations for future work.</i></p>	
	10:30-11:00	Morning break	
	11:00-13:00	<p>Agenda Item 11. Toward setting of biological reference points (RPs) and development of Management Strategy Evaluation (MSE)</p> <p>11.1 Review of RPs report</p> <p>11.2 Investigation of reasonable options of RPs</p> <p>11.3 Initial discussion on MSE for Pacific saury</p> <p>11.4 Recommendations for future work</p> <p><i>Participants will review the report on limit and target reference points and investigate reasonable options RPs for Pacific saury. They will hold initial discussion on Management Strategy Evaluation. Participants will then make recommendations for future work toward setting of RPs and development of MSE.</i></p>	RP review.
	13:00-14:15	Lunch	
	14:15-15:30	Agenda Item 11. Continued	
	15:30-16:00	Afternoon break	
	16:00-18:00	<p>Agenda Item 8. Continued</p> <p>8.4 Review of updated stock assessment results based on BSSPM (if available during the meeting)</p> <p>8.5 Timeline until SSC PS in 2020 spring meeting for updating BSSPM assessment</p> <p>8.6 Recommendations for future work</p> <p><i>Participants will continue reviewing updated stock assessment by BSSPM, if available, and then set timelines for updating BSSPM assessment by the next SSC PS meeting in April 2020 and make recommendations for future work.</i></p>	

Date	Time	Activities	Document
16 Nov	9:00-10:30	<p>Agenda Items 8, 10, and 11. Continued</p> <p><i>Participants will complete outstanding issues under Agenda Items 8, 10, and 11, if any.</i></p> <p>Agenda Item 12. Other matters</p> <p>12.1 Draft agenda and priority issues for next meeting</p> <p>12.2 Other</p> <p><i>Participants will draft an agenda and priority issues for the next SSC PS meeting and discuss other matters raised under Agenda Item 2, if any.</i></p>	
	10:30-11:00	Morning break	
	11:00-13:00	<p>Agenda Item 13. Adoption of Report</p> <p><i>The report of the meeting will be prepared, reviewed and adopted by consensus.</i></p>	
	13:00-14:15	Lunch	
	14:15-15:30	Agenda Item 13. Continued	
	15:30-16:00	Afternoon break	
	16:00-18:00	<p>Agenda Item 13. Continued</p> <p>Agenda Item 14. Close of the Meeting</p> <p><i>The Chair will make concluding remarks and close the meeting.</i></p>	