



North Pacific Fisheries Commission

NPFC-2024-TWG CMSA09-MIP03 (Rev. 2)

North Pacific Fisheries Commission
9th Meeting of the Technical Working Group on Chub Mackerel Stock Assessment
17-20 July 2024
Yokohama, Japan

Annotated Indicative Schedule

Date	Time	Activities	Document
17 Jul	8:30-9:00	Registration	
	9:00-10:30	<p>Agenda Item 1. Opening of the Meeting <i>The TWG CMSA Chair, Dr. Kazuhiro Oshima, 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. The Chair will propose to re-arrange agenda items by adding a new agenda sub-item 5.4.3 Biological reference points and removing “biological reference points” from agenda item 6.</i></p> <p>Agenda Item 3. Overview of the recommendations and outcomes of previous NPFC meetings relevant to chub mackerel 3.1 TWG CMSA08 3.2 Intersessional meetings of TWG CMSA <i>The Chair and Secretariat will brief participants on the outcomes of previous NPFC meetings and documents relevant to chub mackerel.</i></p> <p>Agenda Item 4. Member’s fisheries status and research activities <i>Members will make a presentation on their chub mackerel fisheries operated in the NPFC Convention Area and adjacent EEZs including recent information from 2024. Members will share information about their research activities.</i></p>	<p>MIP02 and 03.</p> <p>Meeting reports (available on website).</p> <p>RP01, 02.</p>

	10:30-11:00	Morning break	
	11:00-13:00	<p>Agenda Item 5. Review of results of stock assessment using State-space stock assessment model (SAM)</p> <p>5.1 Review of Stock Assessment Protocol <i>Participants will review the Stock Assessment Protocol for chub mackerel.</i></p> <p>5.2 Review of data used for stock assessment <i>Participants will review the data shared by Members intersessionally and used for stock assessment.</i></p> <p>5.3 Confirmation of setting and specification of SAM <i>Following the agreements made at previous meetings, participants will confirm setting and specification of SAM.</i></p> <p>5.4 Review of stock assessment results 5.4.1 Stock biomass, recruitment, spawning stock biomass, fishing mortalities, etc. 5.4.2 Model diagnostics and sensitivity analysis [5.4.3 Biological reference points] <i>Participants will review the results on base and sensitivity cases of chub mackerel stock assessment conducted collaboratively by Members.</i></p> <p>5.5 Draft summary of stock assessment results <i>Participants will review a draft summary of stock assessment results.</i> <i>China will present stock assessment by ASAP as a research activity.</i></p>	<p>WP01, 02, 06, 07, 11.</p> <p>WP03, 04.</p> <p>WP12.</p>
	13:00-14:00	Lunch	
	14:00-15:30	Agenda Item 5. Continued	
	15:30-16:00	Afternoon break	
	16:00-18:00	Agenda Item 5. Continued	
	18:30-20:30	Reception	

Date	Time	Activities	Document
18 Jul	9:00-10:30	<p>Agenda Item 6. Future projections [and biological reference points]</p> <p>6.1 Confirmation of projection methods and scenarios</p> <p><i>Following the agreements made at previous meetings, participants will confirm projection methods and scenarios.</i></p> <p>6.2 Review of projection results</p> <p><i>Participants will review the projection results.</i></p> <p>6.3 Draft of management advice based on the results of projection [and biological reference points]</p> <p><i>Participants will draft management advice based on the results of projection and biological reference points.</i></p>	WP05.
	10:30-11:00	Morning break	
	11:00-13:00	<p>Agenda Item 7. Stock assessment report</p> <p>7.1 Review of draft executive summary</p> <p>7.1.1 Stock status</p> <p>7.1.2 Management advice</p> <p>7.1.3 Others</p> <p>7.2 Review of draft stock assessment report</p> <p><i>Participants will review a draft stock assessment report and finalize an executive summary.</i></p> <p>7.3 Work assignments to finalize the report towards SC09 meeting</p> <p><i>Participants will agree on assignments to finalize the report towards SC09 meeting.</i></p>	
	13:00-14:00	Lunch	
	14:00-15:30	Agenda Item 7. Continued	
	15:30-16:00	Afternoon break	
	16:00-18:00	Agenda Item 7. Continued	

Date	Time	Activities	Document
19 Jul	9:00-10:30	Agenda Item 7. Continued	
	10:30-11:00	Morning break	
	11:00-13:00	<p>Agenda Item 8. Data collection and management</p> <p>8.1 Data provision templates <i>Participants will review and evaluate the data provision templates from SC08 and discuss the appropriateness of having a standardized approach for sharing data.</i></p> <p>8.2 Data inventory <i>The Secretariat will present a data inventory summarizing data submitted by Members.</i></p> <p>8.3 Update on GitHub repository and user manual <i>The Secretariat will update participants on the GitHub repository and user manual.</i></p> <p>8.4 Observer program <i>Participants will discuss scientific objectives of an observer program, data needs, and level of observer coverage.</i></p>	<p>SC08-IP13.</p> <p>WP10.</p> <p>IP02.</p> <p>SC09-WP02.</p>
	13:00-14:00	Lunch	
	14:00-15:30	<p>Agenda Item 9. Review of the Work Plan of the TWG CMSA</p> <p><i>Participants will review, revise and update the Work Plan of the TWG CMSA up to 2028.</i></p>	<p>WP08.</p> <p>SC09-WP01.</p>
	15:30-16:00	Afternoon break	
	16:00-18:00	<p>Agenda Item 10. Other matters</p> <p>10.1 Timeline and intersessional activities before TWG CMSA10 <i>Participants will agree on a timeline and intersessional work to be done before TWG CMSA10 scheduled for 17-20 February 2025.</i></p> <p>10.2 Species summary <i>Participants will review the updated species summary for chub mackerel.</i></p> <p>10.3 Invited expert</p>	<p>WP09.</p>

		<p><i>Participants will discuss the need for support from an invited expert for the rest of the 2024 operational year.</i></p> <p>10.4 Election of Chair and vice-Chair</p> <p><i>Members will elect a Chair and vice-Chair of the TWG CMSA.</i></p> <p>10.5 Other issues</p> <p><i>The consultant, Dr. Jihwan Kim, will give a presentation on the effects of oceanography on chub mackerel catch.</i></p> <p><i>Participants will discuss other issues, if any.</i></p>	IP01.
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Date	Time	Activities	Document
20 Jul	9:00-10:30	<p>Agenda Item 11. Recommendations to the Scientific Committee</p> <p><i>The TWG CMSA will make recommendations to the Scientific Committee.</i></p>	
	10:30-11:00	Morning break	
	11:00-13:00	<p>Agenda Item 12. Adoption of Report</p> <p><i>The report of the meeting will be prepared, reviewed and adopted by consensus.</i></p>	
	13:00-14:00	Lunch	
	14:00-15:30	Agenda Item 12. Continued	
	15:30-16:00	Afternoon break	
	16:00-18:00	<p>Agenda Item 13. Close of the Meeting</p> <p><i>The Chair will make concluding remarks and close the meeting.</i></p>	