



North Pacific Fisheries Commission

NPFC-2024-TWG CMSA08-MIP02

**North Pacific Fisheries Commission**  
**8<sup>th</sup> Meeting of the Technical Working Group on Chub Mackerel Stock Assessment**  
**22-25 January 2024**  
**Niigata, Japan**

**Provisional Agenda**

Agenda Item 1. Opening of the Meeting

Agenda Item 2. Adoption of Agenda

Agenda Item 3. Overview of the recommendations and outcomes of previous NPFC meetings relevant to chub mackerel

3.1 TWG CMSA07

3.2 Intersessional meetings of TWG CMSA

3.3 SC08

Agenda Item 4. Members fishery status and research activities, inter alia in 2023

Agenda Item 5. Biological information

5.1 Weight-length relationships

5.2 Natural mortalities

5.3 Maturity-at-age

5.4 Finalization of biological parameters for stock assessment in TWG CMSA09

Agenda Item 6. Fishery and biological data for stock assessment

6.1 Catch-at-age

6.1.1 Length frequency, catch-at-length/size and age-length key

6.1.2 Calculation of catch-at-age

6.2 Weight-at-age

6.3 Finalization of fishery and biological data for stock assessment in TWG CMSA09

Agenda Item 7. Abundance indices

7.1 Finalization of CPUE document template

7.2 Update of abundance indices submitted by Members

### 7.3 Finalization of abundance indices for stock assessment in TWG CMSA09

#### Agenda Item 8. Settings and specifications of SAM

8.1 Review of current settings and specifications

8.2 Review of preliminary results from SAM

8.3 Discussion towards finalization of settings and specifications

#### Agenda Item 9. Biological reference points

9.1 Methods to calculate biological reference points

#### Agenda Item 10. Future projection of chub mackerel

10.1 Methods to conduct future projection

#### Agenda Item 11. Review of the Work Plan of the TWG CMSA

#### Agenda Item 12. Other matters

12.1 Timeline and intersessional activities before TWG CMSA09

12.2 Observer Program

12.2.1 Review data or data description on fisheries bycatch in the chub mackerel fisheries

12.3 Species summary

12.4 Space and methods to share data and codes

12.5 Other issues

#### Agenda Item 13. Recommendations to the Scientific Committee

#### Agenda Item 14. Adoption of Report

#### Agenda Item 15. Close of the Meeting