NPFC-2022-SC07-WP02

**Five-Year Work Plan of the Scientific Committee**

**Scientific Committee (SC)**

Priority list

As stipulated in the Convention, Article 10, the Scientific Committee shall provide scientific advice and recommendations to the Commission which is considered the highest priority task of the SC. The following priority areas have been identified for SC:

1. Priority species summaries and stock assessments for management advice
2. Management Strategy Evaluation (MSE) for priority species
3. Ecosystem approach to fisheries management: understand ecological interactions among species and impacts of fishing on fisheries resources and their ecosystem components
4. Collaboration with other organizations
5. Regular review of the research plan and work plan
6. Data collection, management, and security

| **ITEM** | **2022** | **2023** | **2024** | **2025** | **2026** |
| --- | --- | --- | --- | --- | --- |
| **Priority Species** |  |  |  |  |  |
| Summaries of priority species | Draft summary sheet | Update summary sheets as needed | Update summary sheets as needed | Update summary sheets as needed | Update summary sheets as needed |
| Assessment of Blue (Spotted) Mackerel and associated bycatch | Collate data  Compile data on the catch composition of Chub Mackerel and Blue Mackerel | Collate data  Develop data collection templates and share data | Collate data  Determine spatial structure of stocks  Undertake baseline stock assessment and provide management advice including harvest control rules | Collate data  Update baseline stock assessment as needed and provide management advice including harvest control rules  Collate data on associated bycatch species | Collate data  Update baseline stock assessment as needed and provide management advice including harvest control rules  Assess impacts of fishery on dependent or associated species |
| Assessment of Japanese Sardine and associated bycatch | Collate data  Develop data collection templates and share data | Collate data  Determine spatial structure of stocks  Undertake baseline stock assessment and provide management advice including harvest control rules | Collate data  Undertake baseline stock assessment and provide management advice including harvest control rules | Collate data  Update baseline stock assessment as needed and provide management advice including harvest control rules  Collate data on associated bycatch species | Collate data  Update baseline stock assessment as needed and provide management advice including harvest control rules  Assess impacts of fishery on dependent or associated species |
| Assessment of Neon Flying Squid and associated bycatch | Collate data  Develop data collection templates  Determine spatial structure of stocks | Collate data  Undertake baseline stock assessment and provide management advice including harvest control rules | Collate data  Update baseline stock assessment as needed and provide management advice including harvest control rules  Collate data on associated bycatch species | Collate data  Update baseline stock assessment as needed and provide management advice including harvest control rules  Collate data on associated bycatch species | Collate data  Update baseline stock assessment as needed and provide management advice including harvest control rules  Assess impacts of fishery on dependent or associated species |
| Assessment of Japanese Flying Squid and associated bycatch | Collate data  Develop data collection templates | Collate data  Determine spatial structure of stocks | Collate data  Undertake baseline stock assessment and provide management advice including harvest control rules  Collate data on associated bycatch species | Collate data  Update baseline stock assessment as needed and provide management advice including harvest control rules  Develop baseline stock assessment of associated bycatch species | Collate data  Update baseline stock assessment as needed and provide management advice including harvest control rules  Assess impacts of fishery on dependent or associated species |
| **Management Strategy Evaluation (MSE)** |  |  |  |  |  |
| Pacific Saury | Support NPFC’s SWG MSE PS in achieving its goals | Support NPFC’s SWG MSE PS in achieving its goals | Support NPFC’s SWG MSE PS in achieving its goals | Support NPFC’s SWG MSE PS in achieving its goals | Support NPFC’s SWG MSE PS in achieving its goals |
| **Ecosystem approach to fisheries management** |  |  |  |  |  |
| Ecological Interactions | Understand ecological interactions among species in the North Pacific Ocean | Understand ecological interactions among species in the North Pacific Ocean | Understand ecological interactions among species in the North Pacific Ocean | Understand ecological interactions among species in the North Pacific Ocean | Understand ecological interactions among species in the North Pacific Ocean |
| Impacts of fishing on ecosystem component | Evaluate impacts of fishing on fisheries resources and their ecosystem components, including bycatch species and discards | Evaluate impacts of fishing on fisheries resources and their ecosystem components, including bycatch species and discards | Evaluate impacts of fishing on fisheries resources and their ecosystem components, including bycatch species and discards | Evaluate impacts of fishing on fisheries resources and their ecosystem components, including bycatch species and discards | Evaluate impacts of fishing on fisheries resources and their ecosystem components, including bycatch species and discards |
| **Collaboration with other Organizations** |  |  |  |  |  |
| PICES | Review implementation of NPFC-PICES Framework for Collaboration  Review ICES-PICES WGSPF activities  Review PICES WG43 activities | Review implementation of NPFC-PICES Framework for Collaboration  Identify other opportunities for collaboration with PICES.  Review PICES WG43 activities  Review NPFC-PICES workshop on VME indicator identification | Review implementation of NPFC-PICES Framework for Collaboration  Identify other opportunities for collaboration with PICES | Review implementation of NPFC-PICES Framework for Collaboration  Identify other opportunities for collaboration with PICES | Review implementation of NPFC-PICES Framework for Collaboration  Identify other opportunities for collaboration with PICES |
| FAO |  | Review NPFC’s involvement in the 2nd Phase of the GEF-FAO Common Oceans Programme | Review NPFC’s involvement in the 2nd Phase of the GEF-FAO Common Oceans Programme | Review NPFC’s involvement in the 2nd Phase of the GEF-FAO Common Oceans Programme | Review NPFC’s involvement in the 2nd Phase of the GEF-FAO Common Oceans Programme |
| NPAFC | Review work plan to implement NPFC/NPAFC Memorandum of Cooperation  Review NPAFC- NPFC multinational survey program | Undertake scientific activities to achieve relevant deliverables of the work plan | Undertake scientific activities to achieve relevant deliverables of the work plan | Undertake scientific activities to achieve relevant deliverables of the work plan | Undertake scientific activities to achieve relevant deliverables of the work plan |
| Other organizations | Review collaborations with other organizations | Review collaborations with other organizations | Review collaborations with other organizations | Review collaborations with other organizations | Review collaborations with other organizations |
| **Research and Work Plans** |  |  |  |  |  |
| Terms of Reference | Review SC’s Terms of Reference, as needed | Review SC’s Terms of Reference, as needed | Review SC’s Terms of Reference, as needed | Review SC’s Terms of Reference, as needed | Review SC’s Terms of Reference, as needed |
| Research Plan | Update SC’s rolling 5-year research plan | Update SC’s rolling 5-year research plan | Update SC’s rolling 5-year research plan | Update SC’s rolling 5-year research plan | Update SC’s rolling 5-year research plan |
| Work Plan | Update SC’s rolling 5-year work plan | Update SC’s rolling 5-year work plan | Update SC’s rolling 5-year work plan | Update SC’s rolling 5-year work plan | Update SC’s rolling 5-year work plan |
| Projects | Review completed and ongoing projects  Identify and prioritize new projects and recommend sources of funding | Review completed and ongoing projects  Identify and prioritize new projects and recommend sources of funding | Review completed and ongoing projects  Identify and prioritize new projects and recommend sources of funding | Review completed and ongoing projects  Identify and prioritize new projects and recommend sources of funding | Review completed and ongoing projects  Identify and prioritize new projects and recommend sources of funding |
| **Data Management** |  |  |  |  |  |
|  | Review data standards in relation to stock assessment of priority species  Discuss need for additional sources of data for scientific analyses and associated data management policy | Review data standards in relation to stock assessment of priority species  Discuss need for additional sources of data for scientific analyses and associated data management policy | Review data standards in relation to stock assessment of priority species  Discuss need for additional sources of data for scientific analyses and associated data management policy | Review data standards in relation to stock assessment of priority species  Discuss need for additional sources of data for scientific analyses and associated data management policy | Review data standards in relation to stock assessment of priority species  Discuss need for additional sources of data for scientific analyses and associated data management policy |
| **Recommendations** |  |  |  |  |  |
| Advice | Develop recommendations for the Commission, TCC, and FAC | Develop recommendations for the Commission, TCC, and FAC | Develop recommendations for the Commission, TCC, and FAC | Develop recommendations for the Commission, TCC, and FAC | Develop recommendations for the Commission, TCC, and FAC |
| **Media Communication** |  |  |  |  |  |
| Press Release | Prepare and publish a press release about SC activities during its meeting | Prepare and publish a press release about SC activities during its meeting | Prepare and publish a press release about SC activities during its meeting | Prepare and publish a press release about SC activities during its meeting | Prepare and publish a press release about SC activities during its meeting |