AQUATIC SCIENCE PUBLICATION PLANNING AND APPROVAL FORM

Last updated May 2021

All scientific reports and manuscripts require approval from SPRS before commencement, and formal approval from Chief Fisheries Scientist as delegate of the Deputy Director General for publication and/or release.

**Publication summary information**

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| --- | --- |
| First Dept. Author | Alastair Harry |
| Co-Authors | Ivy Baremore – Mar Alliance  Andrew Piercy – College of Southern Maryland |
| Working Title | Quantifying maternal reproductive output of chondrichthyan fishes |
| Importance L/M/H  (Resource/Strategic) | L |
| Paper synopsis  (max. 5 dot points) | Please note, this work was undertaken during personal time and has not utilised Departmental resources.   1. Simulated and empirical data were used to evaluate a logistic regression model for quantifying maternal reproductive output in chondrichthyan fishes. 2. The paper proposes a novel method for parameter estimation and a conceptual shift in how the model is interpreted. 3. The model has broad applicability to the entire class Chondrichthyes (~1200 species), including target commercial species in WA (gummy shark, sandbar shark). 4. It is also applicable to reproductive studies on teleost fishes (e.g. tarwhine, threadfin salmon) where not all species reach maturity or undergo sex change in some environmental conditions. |
| Submission to:  FRR, journal, etc | CJFAS |
| SPRS signature\* | Date: 21/5/2024 |

\*Send to ASA Executive Office to lodge on publication spreadsheet.

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|  | What | Responsible | Comments/Signature | Date |
| Publication Inception | | | | |
| 1 | Paper concept approved by SPRS. | First Dept. Author |  |  |
| 2 | Meeting to agree on authors/responsibilities. Advises SPRS. | First Dept. Author |  |  |
| *SPRS signature required prior to proceeding to next phase:* | | | |  |
| Publication Drafting | | | | |
| 3 | Draft completed and signed off by all authors. | Dept. Authors or First Dept. Author on behalf of all authors |  |  |
| 4 | SPRS decision on internal reviewers, must include Aquatic Resource Manager. Comments addressed. | First Dept. Author |  |  |
| 5 | Paper submitted to SLT/CFS. Comments addressed. | First Dept. Author |  |  |
| 6 | If journal article, submit to journal for review. Comments addressed. | First Dept. Author |  |  |
| *SPRS signature required prior to proceeding to next phase:* | | | |  |
| Publication Finalisation | | | | |
| 7 | CFS to determine supporting documents/ briefings required  e.g. BN, CIBN, Memo, Social Media), briefings to WAFIC, Recfishwest. | First Dept.  Author |  |  |
| 8 | Publication proofs and release received. Advise SPRS, CFS, DDG, Comms as required | First Dept. Author |  |  |
| 9 | Publication circulated to SPRS’s/CFS/etc.  Papers spreadsheet updated. | First Dept. Author |  |  |
| *Chief Fisheries Scientist signature:* | | | |  |

**Roles, Responsibilities and Reviewers**

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| **Dept. Staff** | **Roles/Responsibilities\*** | **Timeline** |
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| Reviewers\*\* |  |  |

\*Roles/Responsibilities include but are not limited to: (i) The intellectual generation of the project idea and concept; (ii) Any external funding application; (iii) Experimental design and methodology; (iv) Data collection and validation, (v) Data analysis; (vi) Literature search and review; (vii) Preparation of graphs, figures and tables; (viii) Interpretation of results and drafting of the manuscript text; (ix) Revisions to text and critical evaluation for intellectual content.

**\*\***All scientific documents require a level of internal review. The First Departmental Author will identify potential internal reviewers, must include Aquatic Resource Managers. The SPRS will make the final decisions on the level of review and reviewers.