



## FISHERIES AND OCEANS CANADA NATIONAL POLICY FOR SCIENCE PUBLICATIONS

**EFFECTIVE DATE: NOVEMBER 23, 2016**

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This policy is an outcome of Science 2016 initiative, produced by the scientists and managers of Stream Team 3: Promoting a Culture of Scientific Excellence. Scientists from all regions of the Department provided feedback during production of the policy.

### A. INTRODUCTION

Fisheries and Oceans Canada (DFO) has a long and prolific science publishing tradition that has advanced aquatic and marine scientific knowledge. DFO is committed to the open communication of science and to the mobilization of scientific knowledge, both internally and externally, to the benefit of Department policies, programs and services for the Canadian public.

A national policy ensures a consistent treatment of scientific publications across DFO regions, recognition of the scientific impact of the Department through the use of a standard affiliation, and effective tracking of our publications to better integrate science into departmental processes.

The policy recognizes the primacy of the anonymous peer review system in maintaining scientific standards and thus establishes separate manuscript submission and review processes for primary (section 1) and secondary (section 2) scientific publications.

**The policy has been developed in consultation with DFO scientists from all regions, and in compliance with Canadian legislation, directives and policies of the Treasury Board Secretariat, and in consideration of the collective agreements between scientists and management.<sup>1</sup>**

### B. RESPONSIBILITY FOR THE NATIONAL POLICY FOR SCIENCE PUBLICATIONS

The Assistant Deputy Minister of the Ecosystems and Oceans Science Sector (the Science Sector) and the Regional Directors of Science are accountable for adherence to this national policy on primary (section 1) and secondary (section 2) scientific publications.

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<sup>1</sup> Many policy instruments have a bearing on publishing. These include the [Public Servants Inventions Act](#), [Financial Administration Act](#) (section 34), [Surplus Crown Assets Act](#), and with respect to collaborating authors, the [Access to Information Act](#), the [Copyright Act](#) and the [Privacy Act](#), as well as the Treasury Board Secretariat policy on [Communications and Federal Identity](#), DFO policies on Intellectual Property and Collaborative Agreements, the SP and [RE Collective Agreements](#), and the Career Progression Management Framework for Federal Researchers .



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## 1. **PRIMARY (PEER REVIEW) PUBLICATIONS**

### 1.1 **SCOPE**

The policy applies to the publication of science papers in **primary peer-reviewed publications** (scientific journals, special issues, book chapters, books and conference proceedings) and describes the responsibilities and processes for both authors and management.

The policy replaces all pre-existing regional policies concerning peer review publishing.

### 1.2 **APPLICABILITY OF POLICY TO AUTHORS OF PRIMARY PEER REVIEW PUBLICATIONS**

The national policy on publishing in **primary peer review publications** applies **when**:

The first author of a manuscript is employed by DFO, is in the DFO Scientist Emeritus and Science Alumnus program<sup>2</sup>; or was an employee, Scientist Emeritus or Science Alumnus at the time data or analysis for the manuscript was generated.

A co-author<sup>3</sup> of a manuscript is employed by DFO or is in the DFO Scientist Emeritus and Science Alumnus program; or was an employee, Scientist Emeritus or Science Alumnus at the time data or analysis for the manuscript was generated, and the subject matter of the paper is relevant to the DFO mandate or there has been a significant investment of DFO resources in the paper [usually assessed as the effort contributed by the DFO employee (e.g. analysis and interpretation in the paper)].

### 1.3 **MANUSCRIPT RECORD FORM [MRF (1)]**

Authors are required to use the supplied Manuscript Record Form [MRF (1)] including a Checklist and a Plain Language Summary (**ANNEX A**) for primary peer review publications to track the manuscript through the review process leading to submission to the editor of a publication.

### 1.4 **PLAIN LANGUAGE SUMMARY (PLS)**

In the Manuscript Record Form [MRF (1)], authors are required to produce a very short (i.e., 150 words) Plain Language Summary (PLS) of the manuscript to explain the relevance of the science to the Department and to promote the value of science through outreach and communication. It is intended for internal use to identify linkages to programs, policies and stakeholders and for use in the plain language promotion of science (refer to **ANNEX B** for a sample Manuscript Record Form of a primary publication).

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<sup>2</sup> Note that Scientist Emeriti AND Science Alumni are bound by the Values and Ethics Code of DFO and subject to Government of Canada policies.

<sup>3</sup> When a manuscript has co-authors from multiple regions, the first co-author is tasked to take the lead in getting the manuscript reviewed.



## 1.5 MANAGEMENT REVIEW

### 1.5.1 Best Practice - Publication Planning Within Work Plans

As a best practice, to the greatest extent feasible, planned publications should be discussed as part of the work planning process.

### 1.5.2 Pre-Submission Manuscript Peer Review

Prior to the submission to the editor of a publication, it is recommended that the author have the manuscript reviewed for scientific content by one or more qualified experts, particularly in the case of single-authored papers. The name(s) of the reviewer(s) is (are) to be recorded on the MRF (1).

### 1.5.3 Management Review for Compliance with Legislation

Manuscripts with a DFO first author, along with the MRF (1) including the Plain Language Summary shall be submitted to the Author's Division Manager. The Division Manager reviews the manuscript for compliance with the Intellectual Property Policy/*Copyright Act*, the *Privacy Act*, the *Financial Administration Act* (with respect to approvals of publication costs) and the Values and Ethics Code for DFO. When the first author is not and has not been a DFO employee, Scientist Emeritus or Science alumnus, and the material in the manuscript is not pertinent to DFO, DFO co-authors will provide their Division Manager with a copy of the manuscript at the time of submission to a publication. When a co-author is or was a DFO employee, Scientist Emeritus or Science alumnus, and the material in the manuscript is pertinent to DFO, the DFO co-author will follow procedures as described for DFO first authors.

Division Managers also review the manuscript to identify sensitive issues, solely for the purpose of briefing senior management and the Communications Branch prior to publication of the science paper.

At no time, will the inclusion of sensitive material (e.g. data, scientific conclusions) prevent publication of scientific papers.

In the rare case where a manuscript does not fully adhere to policies and legislation relevant to scientific publications<sup>4</sup>, the Division Manager discusses potential revisions with the author(s). If after that discussion, the Division Manager still has concerns, he/she will identify these concerns to the Regional Director of Science who makes the final determination. The Regional Director of Science reserves the right to withhold permission to publish but only in cases where the publication is not in compliance with legislation or policy listed in footnote 4.

For author(s) located in the National Capital Region, the responsibilities of the Division Manager and Regional Director of Science will be assumed by Directors and Directors General respectively.

Science management commits to a 10 working-day turnaround for signoff of manuscripts for publication. If managers do not respond with an approval within 10 working days, authors may submit their manuscripts to the publisher.

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<sup>4</sup> These are the [Public Servants Inventions Act](#), [Financial Administration Act](#) (section 34), [Surplus Crown Assets Act](#), and with respect to collaborating authors, the [Access to Information Act](#), the [Copyright Act](#) and the [Privacy Act](#), as well as the Treasury Board Secretariat policy on [Communications and Federal Identity](#), DFO policies on Intellectual Property and Collaborative Agreements, the SP and [RE Collective Agreements](#), and the Career Progression Management Framework for Federal Researchers.



## 1.6 STANDARD MANUSCRIPT IDENTIFICATION AND STORAGE

The text “Fisheries and Oceans Canada” must appear<sup>5</sup> as an author’s affiliation in order to ensure that publications by DFO authors are retrievable in online searches and discovered for bibliometric analysis. The author submits the manuscript to the publication and, once a departmentally-approved online storage or document management system is available, stores the final, accepted, peer-reviewed version in that system.

## 1.7 OVERVIEW OF AUTHOR/CO-AUTHOR RESPONSIBILITIES

Authors are responsible for the quality of the scientific information such as reproducibility and/or accuracy of the science, accurate analysis and reporting, appropriate discussion and conclusions, clear communication and respect for any permission(s) required to use proprietary data and images and any contractual arrangements related to the scientific information. These include specific provisions that were negotiated with external collaborators pertaining to publication, confidentiality, patenting or other aspects.

In the Government of Canada, Departmental policy processes are used to present decision-makers with analysis of scientific considerations in company with economic, social and other pertinent considerations. As codified in the Values and Ethics Code for DFO, public servants have a duty to serve the public interest by providing decision-makers with “all the information, analysis and advice they need, always striving to be open, candid and impartial.” In their dual roles as public servants and scientists<sup>6</sup>, authors should not include non-scientific comments or opinions on federal policy in peer reviewed publications. The identification of sensitive topics<sup>7</sup> should occur at the outset of plans for authorship and if possible, within the annual work planning process to enable the Division Manager to arrange for appropriate communications support<sup>8</sup> to be prepared in advance of the publication of scientific papers by a publisher.

Where a DFO employee is the first author of a paper, he/she will ensure that Crown Copyright is claimed when they submit their manuscripts for publication (refer to **ANNEX C** for guidance on Crown Copyright).

Where possible, DFO authors will arrange for Open Access to their scientific papers. If an author is unable to pay for Open Access out of research funds, the Division Manager or Regional Director of Science will have the discretion to pay the Open Access fee.

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<sup>5</sup> The affiliation identification requirement is made for ease of author identification by web and bibliometric tools in consultation with DFO library personnel. The [Policy on Communications and Federal Identity](#) Section 5.2.5 states: “The Government of Canada’s identity is applied consistently, projected equally in both official languages, has primacy over the identity of individual departments, and is not overshadowed by other logos.” The applied title ‘Fisheries and Oceans Canada’ should be used, unless there is a specific requirement to use the official legal name ‘Department of Fisheries and Oceans Canada’ ([Federal Identity Program Manual](#)).

<sup>6</sup> [Section 7.04 of the SP and RE Collective Agreement](#) states: (a) The employer may suggest revisions to a publication and may withhold approval to publish, and (b) when approval for publication is withheld, the author(s) shall be so informed in writing of the reasons, if requested by the author(s).

<sup>7</sup> The [Policy on Communications and Federal Identity](#) Section 4.5 states: “The communications function is integral to developing, implementing and evaluating the government’s policies, programs, services and initiatives. The administration of communications is a shared responsibility that requires the collaboration, support and cooperation of various personnel within individual departments, throughout government as a whole, and across the country.”

<sup>8</sup> The Policy on Communications and Federal Identity Section 6.6 states: “Deputy Heads are responsible for ensuring that all their department’s communications activities support the Government of Canada’s principles of open government and its practices.”



## 1.8 GUIDELINES FOR MANAGERS/OVERVIEW OF MANAGEMENT RESPONSIBILITIES

### 1.8.1 Tracking Science Publication Output

Division Managers are accountable for tracking the output of publications delivered by staff<sup>9</sup>. Division Managers shall collect and regularly submit copies of the MRF (1) to Regional Directors of Science for retention relative to compliance with policies and for tracking for open access purposes, etc. Complete citation information is required.

### 1.8.2 Compliance with Government of Canada Acts, Policies and Directives

Division managers are accountable for:

- Effective risk management, through the early identification of planned publications with sensitive topics that may require communications support and products, and notifying the regional Communications Branch accordingly.

Division managers AND Regional Directors of Science are accountable for:

- Reviewing manuscripts for matters with a bearing on any policy or legislative concerns. Legal and policy instruments which may have a bearing include:
  - Legislation and polices governing DFO ([see full list of Acts online](#)); DFO Contracting Policy; DFO Intellectual Property Policy and Guidelines; [DFO Values and Ethics Code](#), Policy for Scientific Data, DFO Procedures on Crown Copyright, etc.;
  - Treasury Board policies, including [Policy on Communications and Federal Identity; the Directive on the Management of Communications](#); [Directive on Open Government](#); [Procedures for Publishing](#); [Policy on Information Management](#); [Directive on Recordkeeping](#); [Standards on Geospatial Data](#); [Standard on Web Accessibility](#), etc.
  - Other relevant acts including: [Access to Information Act and Policy](#); [Copyright Act and Regulations](#); [Financial Administration Act](#); [Privacy Act](#), etc.
  - Other policy-related concerns including but not limited to: international issues (i.e. relative to the Department of Foreign Affairs and International Trade, UNCLOS for example); terms of multi-department memoranda of understanding; international science organizations (e.g., ICES, PICES); regional fisheries management terms, negotiations and agreements (e.g., NAFO, NASCO, ICCAT); oceanography and hydrography (e.g., IOC, IHO) or aquaculture regulatory, collaborative, industry, and international bilateral concerns (e.g., United States, Norway).

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<sup>9</sup> As noted earlier, The Career Progression Management Framework for Federal Researchers provides a template for career advancement in the Government of Canada research community and obliges science departments to track researcher outputs, including publishing, other measures of productivity, the impacts of publishing (e.g., bibliometric impact scores) and other contributions to departmental outcomes.



### 1.8.3 Quality of Published Science

In general, the purpose of management review of manuscripts for publication is related to legal matters as outlined above; however, maintaining a high quality of science in publications from DFO is also a legitimate management concern. In the highly unlikely event that he/she has concerns related to the quality of the work, a Division Manager has the discretion to request that authors submit manuscripts to qualified experts prior to submission for their advice on suitability for publication<sup>10</sup>. In the remote case where the scientific quality or integrity of the manuscript is called into question, the 10-day review period for timeliness of approval does not apply. Scientific integrity and quality will be determined by reviewers jointly agreed upon by the author and the manager. If a lack of consensus is obtained from these reviews, the author has the right to submit their paper for evaluation by an anonymous peer-review process associated with the destination publication.

### 1.8.4 Ensuring Communication of Plain Language Summary

For the communication and promotion of the value of science, it is the responsibility of the Division Manager to provide the author's Plain Language Summary to:

- Regional Director of Science
- Regional Communications Branch
- Internal clients of the sector within the region, as identified in section C of the Plain Language Summary form (i.e., those responsible for the potentially impacted programs, projects, Acts, initiatives)

As appropriate, it is the responsibility of the Regional Director of Science to provide the Plain Language Summary to:

- Regional Director General
- Senior management in the Ecosystems and Oceans Science Sector
- Senior management in other sectors in DFO

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<sup>10</sup> [Section 7.04 of the RE Collective Agreement](#) states: (a) The employer may suggest revisions to a publication and may withhold approval to publish, and (b) when approval for publication is withheld, the author(s) shall be so informed in writing of the reasons, if requested by the author(s).



## 2. SECONDARY PUBLICATIONS

Fisheries and Oceans Canada's (DFO's) secondary science publications include the DFO series "Canadian Technical Report of Fisheries and Aquatic Sciences," "Canadian Data Report of Fisheries and Aquatic Sciences," "Canadian Industry Report of Fisheries and Aquatic Sciences," "Canadian Manuscript Report of Fisheries and Aquatic Sciences," and "Canadian Hydrography and Ocean Sciences – Technical Reports" and other series. These scientific and technical reports often contain preliminary science findings and the Department normally provides the only review for these documents. For the publishing, authors should refer to DFO's "Guide for the Production of Fisheries and Oceans Canada Reports" available.

**NOTE: DFO's Canadian Science Advisory Secretariat publications are exempt from this process.**

### 2.1 SCOPE

This procedure applies to all authors of manuscripts in these series mentioned above, as non-departmental authors may publish in the report series. These authors should arrange for publication with the most appropriate departmental establishment (i.e. DFO region), in terms of geography or area of interest. This establishment becomes the "issuing establishment".

### 2.2 MANUSCRIPT RECORD FORM [MRF (2)]

Authors should use the Manuscript Record Form [MRF (2)] for DFO Technical and Manuscript Series Reports to track the review procedure for these publications. Refer to **ANNEX D** for the MRF (2).

### 2.3 OVERVIEW OF RESPONSIBILITIES

It is the responsibility of the appropriate Division Manager to either appoint an individual in his/her division as a Secondary Publications Editor or to fulfill this task himself/herself. In either case, this individual is responsible for quality assurance of the secondary publication.

In their dual roles as public servants and scientists, authors will not comment on federal policy in their scientific publications.





## 2.4 PROCESS FOR REVIEW OF SECONDARY PUBLICATIONS

- a) The author completes the MRF (2) and submits with the draft manuscript to the divisional Secondary Publications Editor.
- b) The Secondary Publications Editor forwards the manuscript to two reviewers where appropriate (e.g. the “Canadian Data Report of Fisheries and Aquatic Science” series normally requires no review), who may be either internal or external to the Department. Reviewers are asked to evaluate the scientific content of the manuscript, to document their comments, and to recommend:
  - acceptance of the manuscript
  - acceptance of the manuscript, following appropriate revision; or
  - rejection of the manuscript
- c) On the basis of the reviewers’ comments, the Secondary Publications Editor either accepts the manuscript as is, specifies the revisions required, or rejects the manuscript. The author is informed of the decision and, if changes to the manuscript are required, the author makes these before resubmitting it to the Secondary Publications Editor.
- d) Upon receipt of the final accepted version of the manuscript, the Secondary Publications Editor signs the Manuscript Record Form and submits it and the manuscript to the Division Manager.
- e) The Division Manager signs the MRF (2), returns the form and manuscript to the Secondary Publications Editor, and forwards a copy of the MRF (2) to the author. The Division Manager sends an additional copy of the form and manuscript (with a note that the manuscript contains sensitive subjects, if applicable) to the Regional Science Director AND the Regional Communications Branch.
- f) The Regional Science Director signs the MRF (2) and returns it to the Division Manager, who then copies it to the Secondary Publications Editor (but may retain the copy of the manuscript).
- g) If the author wishes to make changes, and these are made, then the process continues as described in (a) above.
- h) In the rare case where an author has used proprietary data and information, the Division Manager and the Regional Science Director shall withhold permission for the report to be submitted for publication until appropriate written permission to use the data in the publication is obtained from the owner of the data.
- i) Any sensitive issues should be identified by the Division Manager within 10 business days from submission of the manuscript by the Secondary Publications Editor to the Division Manager. Regardless of the outcome of Division Manager’s assessment, after this time, the Secondary Publications Editor may submit the manuscript for publication without waiting for the Manuscript Record Form to be returned by either the Division Manager or the Regional Science Director. The Regional Communications Branch must be advised when an impending publication contains sensitive material, in order to prepare appropriate communications support.
- j) The Secondary Publications Editor then makes arrangements to have the manuscript published in the appropriate series. To obtain a DFO number for a scientific or technical report, contact [Publications / Publications \(DFO/MPO\) Publications.XNCR@dfo-mpo.gc.ca](mailto:Publications/Publications (DFO/MPO) Publications.XNCR@dfo-mpo.gc.ca).

**At no time, will the inclusion of sensitive material (e.g. data, conclusions) prevent publication.**

## 2.5 REGISTRATION OF ELECTRONIC PUBLICATIONS IN THE FEDERAL SCIENCE LIBRARY PORTAL

The author must submit an electronic copy of their publication in PDF format to [Libraries-Bibliothèques@dfo-mpo.gc.ca](mailto:Libraries-Bibliothèques@dfo-mpo.gc.ca). The publication must be fully assembled with all figures and tables inserted in the text. Fisheries and Oceans Library staff will ensure these scientific publications are freely available to the public through the Federal Science Library portal. The scientific publications in PDF format will be archived on a secure departmental server and a permanent hyperlink leading to the electronic publication will be added on the bibliographic record of each document. The distribution of print copies is now optional.



## ANNEX A: MANUSCRIPT RECORD FORM – MRF (1) – PRIMARY PUBLICATIONS

### MRF for PRIMARY (PEER REVIEW) PUBLICATIONS

<b>AUTHOR(S)<sup>11</sup> and AFFILIATIONS</b>	
<b>REMINDER:</b> For bibliometric purposes, please use standard affiliation, i.e., first name, last name and “Fisheries and Oceans Canada”. Please identify the Author who will be in communication (main contact) with the journal.	
<b>TITLE:</b>	
<b>ABSTRACT:</b>	
<b>PUBLICATION (JOURNAL, SERIES) NAME/FULL CITATION INFORMATION/URL</b> (If not available, please submit when so, to Division Manager):	
<b>PRE-SUBMISSION REVIEWER(S):</b>	
Reviewer Name (print name):	Date Submitted:
Reviewer Name (print name):	Date Submitted:
<b>DFO COMMUNICATIONS BRANCH SUPPORT REQUIRED?</b> (Division Manager’s Determination):	
Communications Advisor Name (print name):	Date Assigned:
Topic (if not clear from title):	
DFO contacts to be informed of release:	

<sup>11</sup> The author (main contact) communicating with the journal is this person responsible for managing editorial issues as well as final format and content of the manuscript (an identifier is usually assigned to the communicating author i.e. an asterisk or other symbol). This person is not necessarily the “first” author, which could have different meanings in different fields. For examples, it could a first or a last author or the person overseeing the publication process and, often, responsible for conceiving, supporting, and managing the project.



(Manuscript Reform Form for Primary Publications, page 2)

<b>REMINDER:</b> For PRIMARY peer-reviewed publications only, authors are required to write a very short (i.e., 150 words) plain language summary of the manuscript to explain the relevance of the science to the Department. It is intended for internal use to identify linkages to programs, policies and stakeholders and for use externally in the plain language promotion of science.	
<b>PLAIN LANGUAGE SUMMARY:</b>	
<b>SCIENTIFIC IMPLICATIONS OF THE PAPER</b> (i.e. field, importance, focus, purpose, benefits, etc.):	
<b>ANY GEOGRAPHICAL SCOPE/REGION</b> and (if applicable) <b>SPECIES</b> (to include common names):	
<b>RELEVANT TO PROGRAMS, PROJECTS, ACTS, INITIATIVES, ETC.</b> (please identify):	
<b>ADDITIONAL INFORMATION OF IMPORTANCE:</b>	
<b>REMINDER:</b> Seek as applicable the necessary Intellectual Property Forms Required; Proprietary Data Permission Required; Collaborative Agreement Permissions Required; DFO's Image Release Forms Required; etc.	
<b>AN OPEN ACCESS CHECKLIST</b> (Required if and when open access is effective):	
<b>Is the First Author Employed by DFO?</b> If yes, manuscript deposition in repository/open data will apply when Open Access effective. If No, co-author should determine with first author how Open Access will be achieved/for compliance.	
<b>Date of Eligibility for Open Access</b> (i.e. 12 months from publication of a scientific paper)	
<b>Retention of Final, Author-revised, Peer-reviewed Manuscript</b> (not publisher's formatted PDF). Location: (i.e. DFO document system*# OR send to Division Manager/date). *Use privacy settings.	
<b>Contact Information for Dataset Owners:</b> (Include dataset DOI, if and when one exists.)	
<b>Are Open Data Permissions Form Completed?</b>	
<b>MANUSCRIPT SUBMITTED AND REVIEWED BY DIVISION MANAGER:</b>	
Print Name:	Date Submitted:
Division Manager's Signature:	Date Approved:
<b>MANUSCRIPT REVIEWED BY REGIONAL DIRECTOR OF SCIENCE</b> (if required):	
Print Name:	
Regional Director of Science's Signature:	
Date:	

## ANNEX B: **SAMPLE** of Manuscript Record Form – **MRF (1)** – PRIMARY PUBLICATIONS

### **SAMPLE** of MRF (1) for PRIMARY (PEER REVIEW) PUBLICATIONS

<b>AUTHOR(S)<sup>12</sup> and AFFILIATIONS</b>	
Jake Rice; Affiliation: Fisheries and Oceans Canada	
<b>REMINDER:</b> For bibliometric purposes, please use standard affiliation, i.e., first name, last name and “Fisheries and Oceans Canada”. Please identify the Author who will be in communication (main contact) with the journal.	
<b>TITLE:</b>	
Rice, J. C. 2009. A generalization of the three-stage model for advice using the precautionary approach in fisheries, to apply broadly to ecosystem properties and pressures. ICES Journal of Marine Science. 66: 433–444	
<b>ABSTRACT:</b>	
<b>PUBLICATION (JOURNAL, SERIES) NAME/FULL CITATION INFORMATION/URL</b> (If not available, please submit when so, to Division Manager):	
<b>PRE-SUBMISSION REVIEWER(S):</b>	
Reviewer Name (print name):	Date Submitted:
Reviewer Name (print name):	Date Submitted:
<b>DFO COMMUNICATIONS BRANCH SUPPORT REQUIRED?</b> (Division Manager’s Determination):	
Communications Advisor Name (print name):	Date Assigned:
Topic (if not clear from title):	
DFO contacts to be informed of release:	

<sup>12</sup> The author (main contact) communicating with the journal is this person responsible for managing editorial issues as well as final format and content of the manuscript (an identifier is usually assigned to the communicating author i.e. an asterisk or other symbol). This person is not necessarily the “first” author, which could have different meanings in different fields. For examples, it could a first or a last author or the person overseeing the publication process and, often, responsible for conceiving, supporting, and managing the project.

<p><b>REMINDER:</b> For PRIMARY peer-reviewed publications only, authors are required to write a very short (i.e., 150 words) plain language summary (ANNEX A-2) of the manuscript to explain the relevance of the science to the Department. It is intended for internal use to identify linkages to programs, policies and stakeholders and for use externally in the plain language promotion of science. Please provide the summary to the Division Manager prior to the publication's release.</p>	
<p><b>PLAIN LANGUAGE SUMMARY:</b></p>	
<p><b>SCIENTIFIC IMPLICATIONS OF THE PAPER</b> (i.e. field, importance, focus, purpose, benefits, etc.): <i>This paper discusses a systematic way of incorporating scientific knowledge about the ecosystem and human-induced and other pressures on the ecosystem into the management of fisheries, whereas past management approaches relied almost exclusively on assessments of fish stock spawning and mortality.</i></p>	
<p><b>ANY GEOGRAPHICAL SCOPE/REGION</b> and (if applicable) <b>SPECIES</b> (to include common names): <i>Atlantic Ocean fisheries management examples are discussed.</i></p>	
<p><b>RELEVANT TO PROGRAMS, PROJECTS, ACTS, INITIATIVES, ETC.</b> (please identify): <i>DFO Ecosystems &amp; Fisheries Management (Fisheries Management Plans; Fisheries Act Amendments; Atlantic Integrated Commercial Fisheries Initiative; NAFO) and Ecosystems &amp; Oceans Science (Precautionary Approach; Science in Support of Ecosystems Approach to Fish Management.)</i></p>	
<p><b>ADDITIONAL INFORMATION OF IMPORTANCE:</b></p>	
<p><b>REMINDER:</b> Seek as applicable the necessary Intellectual Property Forms Required; Proprietary Data Permission Required; Collaborative Agreement Permissions Required; DFO's Image Release Forms Required; etc.</p>	
<p><b>AN OPEN ACCESS CHECKLIST</b> (Required if and when open access is effective):</p>	
<p><b>Is First Author Employed by DFO?</b>                  If yes, manuscript deposition in repository/open data will apply when Open Access effective.                  If No, co-author should determine with first author how Open Access will be achieved/for compliance.</p>	
<p><b>Date of Eligibility for Open Access</b> (i.e. 12 months from publication of a scientific paper)</p>	
<p><b>Retention of Final, Author-revised, Peer-reviewed Manuscript</b> (not publisher's formatted PDF).                  Location: (i.e. DFO document system*# OR send to Division Manager/date). *Use privacy settings.</p>	
<p><b>Contact Information for Dataset Owners:</b> (Include dataset DOI, if and when one exists.)</p>	
<p><b>Are Open Data Permissions Form Completed?</b></p>	
<p><b>MANUSCRIPT SUBMITTED AND REVIEWED BY DIVISION MANAGER:</b></p>	
Print Name:	Date Submitted:
Division Manager's Signature:	Date Approved:
<p><b>MANUSCRIPT REVIEWED BY REGIONAL DIRECTOR OF SCIENCE</b> (if required):</p>	
Print Name:	
Regional Director of Science's Signature:	
Date:	

## ANNEX C: AUTHOR'S GUIDE on HOW TO MANAGE COPYRIGHT AND MORAL RIGHTS

### UNDERSTANDING CROWN COPYRIGHT

Authors should review the Department's Intellectual Property Policy and Intellectual Property Management Guidelines accessible from the linked page, and familiarize themselves with the sections on Permissions to Reproduce Copyright Material. As a work product of a federal public servant, the copyright to science published by a DFO scientist belongs to the Government of Canada ('the Crown'). Authors may not waive or transfer Crown copyright in an automated online process or via a "transfer of rights" form provided by a publisher. The [Canadian Intellectual Property Office](#) has produced a "Guide to Copyright". Note that [the Copyright Act](#) states, "Copyright shall belong to Her Majesty the Queen in Right of Canada ('the Crown') and shall continue for the remainder of the calendar year of the first publication of the work and for a period of fifty years following the end of that calendar year."

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## ANNEX D: MANUSCRIPT RECORD FORM – **MRF (2)** – SECONDARY PUBLICATIONS

### MANUSCRIPT RECORD FORM for SECONDARY PUBLICATIONS: FISHERIES AND OCEANS CANADA TECHNICAL AND MANUSCRIPT SERIES REPORTS

<b>Author(s):</b>		
<b>Title:</b>		
<p><b>For DFO Technical and Manuscript Series Only, select Type:</b></p> <p><input type="checkbox"/> Canadian Technical Report of Fisheries and Aquatic Sciences</p> <p><input type="checkbox"/> Canadian Manuscript Report of Fisheries and Aquatic Sciences</p> <p><input type="checkbox"/> Canadian Data Report of Fisheries and Aquatic Sciences</p> <p><input type="checkbox"/> Canadian Industry Report of Fisheries and Aquatic Sciences</p> <p><input type="checkbox"/> Canadian Data Report of Hydrography and Ocean Sciences</p> <p><input type="checkbox"/> Canadian Contractor Report of Hydrography and Ocean Sciences</p> <p><i>Note: Canadian Scientific Advisory Secretariat publications are exempt from this process.</i></p>		
<b>Manuscript Received by Secondary Publications Editor/Meeting Chair</b>		
Print Name	Signature	Date
<b>Reviewer #1:</b> Print Name	Signature	Date
<b>Reviewer #2:</b> Print Name	Signature	Date
<b>Manuscript Reviewed by Secondary Publications Editor/Meeting Chair/Section Head</b>		
Print Name	Signature	Date
<b>Manuscript Reviewed by Division Manager</b>		
Print Name	Signature	Date
<b>Manuscript Reviewed by Regional Director of Science (if necessary, per Division Manager)</b>		
Print Name	Signature	Date
<p>To Obtain Report Number, contact <a href="mailto:Publications / Publications (DFO/MPO) Publications.XNCR@df-mpo.gc.ca">Publications / Publications (DFO/MPO) Publications.XNCR@df-mpo.gc.ca</a>.          See also the "Guide for the Production of Fisheries and Oceans Canada Reports": PDF version available through the Library: Cat. No. Fs23-176/2003E-PDF ISBN 0-662-35609-8 (also available in HTML version).</p>		