

# **DFO Maritimes Science**

**2020-2021 Project Planning**

## **GUIDANCE FOR ENTERING NEW PROJECTS**

**Version 1 (November 2019)**

## Instructions for Entering New Projects

\*\*\* Before you start, please check to ensure your project hasn't already been entered by someone else, and confirm the project lead (who will be entering the project) with other team members, to avoid duplication.

### What is a Project?

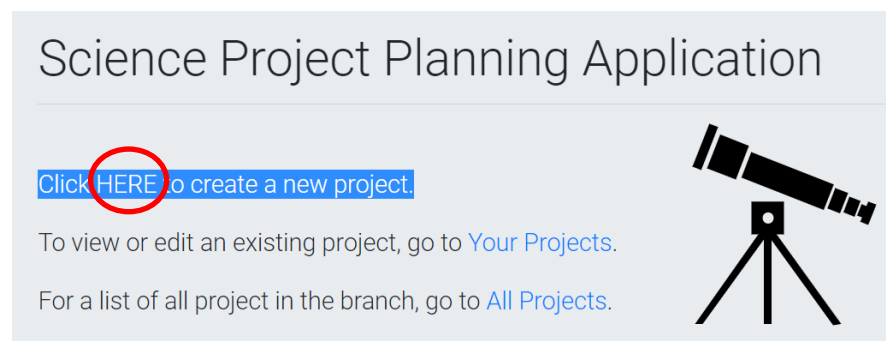
A project is considered to be a distinct activity or group of common activities, that are led by Maritimes Science staff, or involve significant investment of Maritimes Science staff time or funding (O&M, capital). The scale/scope of projects will vary, depending on the work unit, and determination of an approach that makes sense for your group should be discussed in collaboration with your section heads.

To reduce the total number of projects, we strongly encourage core work and common activities to be bundled together into a single project, with "extra/discretionary" projects, including projects that might be funded through regional or national competitive funding, to be entered separately. Projects should be entered separately if they meet one of the following criteria: require >\$10k O&M, are expected to take a significant amount of staff time (e.g., >4 weeks), are collecting a significant amount of new data.

### How to Enter a New Project into the Project Planning Application?

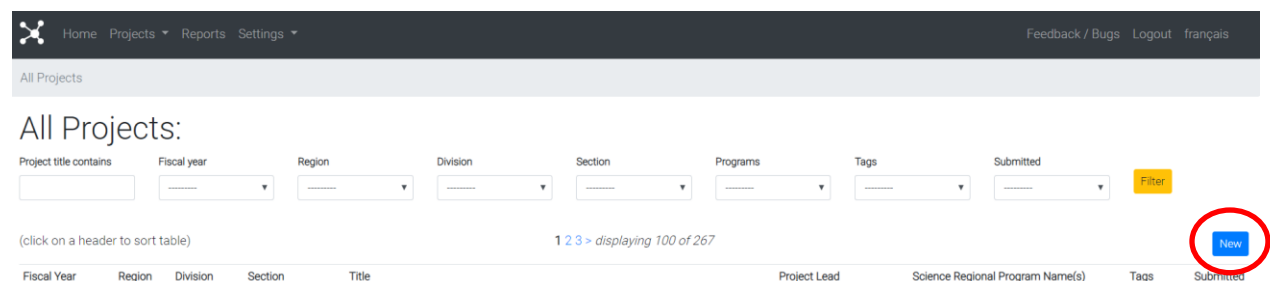
To enter a new project, click on one of the 2 following links (indicated by red circles):

<http://dmapps/en/projects/>



OR

<http://dmapps/en/projects/all/>



Enter the following information:

**Fiscal Year** – Select the anticipated start year of the project.

**Project Title** – Type a descriptive title for your project.

**Region** – Select your Region (Maritimes).

**Division** – Select your Division. If your Division is not listed, please contact [Tana.Worcester@dfo-mpo.gc.ca](mailto:Tana.Worcester@dfo-mpo.gc.ca), or select “Ecosystem and Ocean Science – Regional Science Director’s Office”.

**Section** – Select your Section. If your Section is not listed, please contact [Tana.Worcester@dfo-mpo.gc.ca](mailto:Tana.Worcester@dfo-mpo.gc.ca).

Click “Add”.

## Project Details:

To enter mandatory details about your project, click blue “Add/Edit Project Details” button.

Project Details:

Add/Edit Project Details

**Science regional program name(s)** – Select one or more program names from the drop down list that is provided. If your project has been, or you think it could be, funded through a national competitive funding program, select the competitive funding program name, if listed (e.g. Aquatic Ecosystems - Ecosystem Science (SPERA)), as well as any other relevant regional programs that you think would be applicable. See Annex 1 for the list of program names.

Managers: Please check the program names selected and provide feedback to Project Leads.

**Tags / keywords** – Select keywords that you think are relevant to your project, for searching and filtering purposes. This may include a species name (e.g., sea cucumber) or assessment unit (e.g., Inner Bay of Fundy Atlantic Salmon). If you would like to add a new tag/keyword to the drop-down list, please send your suggestion(s) to [Tana.Worcester@dfo-mpo.gc.ca](mailto:Tana.Worcester@dfo-mpo.gc.ca).

**National or regional?** – Identify whether your project is primarily national or regional in nature. If both, select “National”.

**Project Status** – Identify whether your project is new (i.e., not yet approved) or was approved in a previous year.

**Is the funding competitive?** – Select “Yes” if project is currently funded, or is expected to be funded, through one of the national competitive funds. Competitive funds are generally identified in the program list as (flex). See Annex 2 for the list of national competitive funds. Select “No” if funding is

expected to come from other funding sources, or “unknown” if you are unsure how your project would be funded. Managers can help to determine if projects are eligible for competitive funding.

**Has the project already been approved** – Identify whether your project has already been approved. Select “Unknown” if you are uncertain.

**Start date of project** – Select the actual or anticipated (preferred) start date of your project.

**End date of project** – Select the anticipated end date of your project.

**Project objective & description** – Provide a short description of your project, including its key objective(s). You may be asked to provide additional information by managers. You may cut and paste this description from existing documentation, if such information already exists. You are also welcome/encouraged to attach existing project documentation to the “Supporting Resources” section.

**Project-specific priorities** – For multi-year projects, what is the focus of the project in the upcoming fiscal year. What are the key activities that you would expect to undertake this coming year.

**Project deliverables** – Provide a bulleted list of specific project deliverables, by fiscal year for multi-year projects. Clearly identify deliverables each year of the project. Examples include:

- Text publication, e.g. Research Document, Technical Report, Journal Article
- Data publication, e.g. map, data layer, or data table to be provided to Open Data, Federal Geospatial Platform (FGP), Open Maps, Marine Spatial Data Infrastructure (MSDI), etc.
- Model/code publication, e.g. R code published to GitHub
- Presentation, e.g. to a management client, scientific conference, workshop, CSAS meeting
- Application, e.g. R interactive tools (shiny apps) published to an internally or externally accessible location (please indicate expected host)

**What type of data will be collected** – Leave blank if your project does not involve collection or new data. If this project includes new data collection, describe the specific type of data that will be collected (including instrument type, if applicable). Examples include:

- Temperature data from a CTD
- Species presence/absence, abundance, size, condition information from a trawl survey
- Benthic images from an underwater camera
- Acoustic detections from an underwater acoustic recorder

**Which of these data / data products will be placed on the Open Data Platform this year?** – Leave blank if your project does not include creation of new data products. If it does, identify any data products that could be published to the Government of Canada’s Open Data Platform this year, including whether only metadata (information about the data) would be posted, or whether an actual data product (map, table) could also be posted. Please include an estimate of metadata translation cost in your O&M budget. Indicate any potential security issues (e.g. rule of 5) with release of this data.

**Data storage / archiving Plan** – Leave blank if your project will not generate any new data or data products. If it does, describe the specific location where the new data or data products will be stored or

archived, including the name of the existing international, national or regional data repository (e.g. BIOCHEM, Observer Database) where this data will be stored. Other information should include:

- Indicate whether or not this includes any protected information
- Identify where raw and processed data are expected to go – if there are data not yet fully handled, flag these and identify data management/IT resource/support requirements in other fields
- Identify the target dates/timeframes for having raw data archived and processed data released
- Identify retention periods for the raw and processed data, e.g. how often are the data reviewed; is there a plan/need to maintain step with format specifications and processing standards, will the data ever become “end-of-life?”
- Identify plans for data release – where data will be published (FGP/GC Open Data Portal registration is mandatory for GC open data), when will it be published, who will be supported

**Provide link to existing metadata record, if available** – Enter html link to an existing metadata record.

**Describe assistance required from the branch data manager, if applicable** – Identify whether you are likely to need help for your project from data management staff outside of your project team. This could include help with data processing, development of a data management plan, purchasing of IT equipment, development of a new database or application, etc.

**Describe assistance required from the section data manager, if applicable.** Leave blank (Maritimes Region does not have section data managers), or you may describe other enabler support requirements.

**Describe need for vehicle (type of vehicle, number of weeks, time-frame)** – If project requires use of a vehicles, provide information on what type of vehicle (i.e. car, truck to carry supplies, truck to pull a trailer) is required, how long it would be needed for, and when (ideally).

**IT requirements (software, licenses, hardware)** – Identify if your project requires any new IT infrastructure. Do not include a description of existing software/equipment, unless these aren’t currently accessible to you (i.e. you need to buy them or borrow them from someone else). For most IT requirements, subsequent intake forms will be required by IM&TS and SSC. For local compute devices and software, you can work within your divisions to complete this paperwork. For SSC or IM&TS cloud/application development paperwork, ODIS can provide assistance and these resources can be linked to the project request.

**Please provide details regarding chemical needs and the plan for storage and disposal.** – Provide general types of chemicals that will be required, and generalized plans for storage and disposal in the text box. More detailed requirements can be attached as a word file in the “Supporting Resources” section.

**Ship (Coast Guard, charter vessel) Requirements** – If your project requires the use of a vessel, indicate the type (size/capability) of vessel that is required, as well as the status of any discussions or provisions you have made already to secure such a vessel (e.g. vessel use already approved, no efforts made yet to secure a vessel). Indicate any challenges or opportunities you are aware of to help Branch Management determine feasibility.

**Additional notes** – Please add any other information that you think would be of relevance to the Branch Management review and prioritization of your project, or other details (opportunities/constraints/changes) that you think Branch Management should be aware of related to an existing project.

**Responsibility center (if known)** – Select the lead RC you would expect any approved funding to come to, if known. If funding needs to come to multiple RCs, please indicate this in the “Additional notes” section. If your RC is not listed, please contact [Tana.Worcester@dfo-mpo.gc.ca](mailto:Tana.Worcester@dfo-mpo.gc.ca).

**Allotment code (if known)** – Select the primary allotment code (type of funding) associated with your project type, if known. If multiple, leave blank.

**Existing project codes (if known)** – For approved projects, select the project code(s) that was associated with your project last year, or the project code(s) you would expect to be associated with your project. Leave blank if not known.

**Do you have any feedback you would like to submit about this process** – You are welcome to provide feedback.

**Should this project be hidden from other users** – You are welcome to hide your project while it is being drafted, but this field should be changed to “Yes” before it is submitted for review. All projects (even those that are hidden) are visible to your Section Head, Division Manager, and the RDS. Projects will only be permitted to remain hidden from other users in extreme cases (in the case of a highly competitive funding process, or if there are confidentiality requirements for a project). If you think your project should remain hidden once it is submitted, please include a rationale in the “Additional notes” section.

## Project Staff:

This section is intended to identify a full-cost accounting of the proposed (or approved) project’s requirements for people’s time, including the time of the project lead, along with all other team members and support people. No cost should be included for existing indeterminate staff who will, for the most part, only be identified in terms of the amount of their time that is required (no salary/O&M cost). The exception to this is the incremental cost associated with a proposed acting assignment (e.g. a proposal to have an existing BI02 act in a BI03 position), or with an assignment from one group to another (e.g. include the cost associated with backfilling this position).

Click the blue “Add Staff” button.

For every team member and support person that is identified, include the following information:

**Employee type** – Select the known or anticipated employment status of the team member or support person. Options include:

- Casual (O&M; 27% included)
- Casual (Salary)

- Indeterminate Employee
- Indeterminate Employee (Assignment)
- Indeterminate Employee (Seasonal)
- Post-doc – for current NSERC post-docs, salary cost is in O&M with no 27% conversion required (until December 2020). New post docs will be hired as Term RES, using salary dollars and 27% conversion required.
- Student – paid in O&M dollars, no 27% required
- Term (O&M) – if you expect to have to convert O&M to salary, please include 27% conversion
- Term (Salary) – if you expect to receive Salary dollars, do not include 27% conversion

**Project Lead** – Indicate whether this person is a project lead (more than one lead is possible). Project leads are able to edit the project details in the project planning application. If you remove yourself as a lead, you will no longer be able to edit the project.

**Funding source** – Identify the proposed funding type for each team member or support person (a-base, b-base, or c-base).

**DFO User** – Name of team member. Drop down list includes all DFO staff who have a registered with a user name and password. If the person you are looking for is not listed, either encourage them to register (Maritimes and Gulf Science staff only), or enter their name in the “Person name” field (see instructions below).

**Person name (leave blank if user is selected)** – Name of team member or type of support person needed. If staff member is not listed in the DFO User list, include their name here. Alternatively, if you don’t know the name of the staff member (e.g. is an internal DFO support person not yet identified, or someone who has not been hired yet), include a generic description of their role on the team. Examples include:

- ABL
- Admin support
- GIS support
- Field support
- Data processing support

**Level** – Identify classification of team member or support person.

**Student program** – For students only, identify they will be hired through the FSWEF or COOP program.

**Duration in weeks** – Provide a rough estimate of the number of weeks each team member or support person will be required to support/complete the project this coming fiscal year.

**Overtime in hours** – Provide a rough estimate of the number of expected overtime hours, if applicable. Use the provided OT Calculator to help calculate overtime hours, if specific dates and times are known.

**Overtime description** – Provide a description of the overtime requirements, or if there are any options for avoiding overtime. Use the provided OT Calculator to help provide a detailed overtime description, if specific dates and times are known.

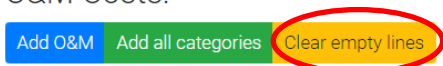
**Cost** – Provide a rough estimate of the expected extra salary cost for this team member or support person, if the project is approved. As noted above, this should not include the current salary of regular Maritimes Science indeterminate employees. If this project is approved, these costs would need to be reflected in the regional staffing plan.

When you are done, Click the green “Submit” button.

## O&M Costs:

This section is intended to provide a full-cost accounting of the proposed (or approved) project’s O&M requirements. Once expected costs are identified here, please click the yellow “Clear empty lines” button to remove unnecessary rows! If you need to add new O&M items after you have cleared the empty lines, you can either click the green “Add all categories” button or the blue “Add O&M” button.

O&M Costs:



To add an O&M Cost to your project, click on one of the existing Category types (i.e., one of the rows) or click the blue “Add O&M” button.

**Category** – Select the O&M category type (e.g. Translation (Contracts, Leases, Services)).

**Funding source** – Select the anticipated or known funding source for this item: a-base, b-base, or c-base.

**Description** – Enter any additional details on what this O&M cost is for (e.g. translation of CSAS report)), if not obvious from the category type.

**Budget requested** – Enter O&M amount requested for this item. Do not include regional tax as part of this amount. If regional tax is expected or has been applied to your project, include as a separate item.

When you are done, Click the green “Submit” button.

## Capital Costs:

This section is intended to provide a description of any new capital costs associated with this proposed (or approved) project. Do not include capital items that have already been purchased. Capital funding is required to purchase items over 10k.

Click the blue “Add Capital” button.

**Category** – Select the Capital category type. Options include:

- IM / IT – computer, hardware
- Lab equipment
- Field equipment
- Other



**Funding Source** – Select the expected funding source type for this item (a-base, b-base, or c-base).

**Description** – Provide a brief description of the specific capital item requested. Please also indicate the status of any ongoing discussions related to the purchase of this item, and whether this item has also been requested in another project proposal.

**Budget requested** – Provide a rough estimate of the cost of the capital item requested. You are encouraged to attach the basis for your estimate (e.g. quote) as a file attachment to the project.

When you are done, click the green “Submit” button.

## Grants & Contributions:

This section is intended to provide a description of any grants or contributions associated with this proposed (or approved) project.

Click the blue “Add G&C” button.

**Recipient organization** – For approved projects, type the name of the organization who is currently expected to receive a grant or contribution from DFO. For new projects, type the name of the organization who could or would receive a grant or contribution from DFO, associated with this project.

**Project lead** – Type the name of the person in the recipient organization who is the contact for your project.

**Proposed title of agreement** – For approved projects, provide the full title of any grant or contribution agreement associated with this project. For new projects, provide a proposed title of the grant or contribution agreement associated with this project.

**Name of G&C program** – Provide the name of the G&C program that is expected to provide funding to an external organization associated with this project, e.g. Partnership Fund, OPP Baseline program, Marine Spatial Planning program. A list of DFO Science’s G&C programs is included in Annex 3.

**Budget requested** – For approved projects, provide the grant or contribution amount anticipated for this project. For new projects, provide an estimate of the grant or contribution amount being requested for an external organization, in association with this project.

When you are done, click the green “Submit” button.

## External Collaborators:

This section is intended to provide a description of any team members or collaborators who are external to DFO. DFO staff from other regions should be listed in the Project Staff section. People or organizations listed in this section will be added to an overall list of partners, and will help Branch

Management Committee keep track of and help maintain these partnerships (for tracking and reporting purposes).

Click the blue “Add Collaborator” button.

**Name** – Type the name of the person or group.

**Critical to project delivery** – Select “yes” or “no”, depending on the importance of this person or group to the project.

**Notes** – Any other information relevant for this project.

When you are done, click the green “Submit” button.

## Collaborative Agreements:

This section is intended to provide a link to any formal collaborative agreements (CAs) associated with this project.

Click the blue “Add Agreement” button.

**Collaborating organization** – Type the name of the existing or proposed collaborating organization.

**Project lead** – Type the current or proposed external (i.e., not DFO) lead for this CA, who is or would be the primary contact associated with this project.

**Title of the agreement** – Type the full title of the existing or proposed CA.

**New or existing** – Select whether this is a “New” or “Existing” CA.

**Notes** – Include the location of the folder where the existing CA is located, or any other information of relevance for this project. Do not attach the Collaborative Agreement to your project, as it may contain confidential information.

When you are done, click the green “Submit” button.

## Project Milestones:

This section is intended to provide a list of milestones associated with this project. A number of distinct milestones can be added, one at a time.

Click the blue “Add Agreement” button.

**Name** – Type a title for the milestone. Include the date (e.g. Sep 2021) that this milestone is expected to be achieved. For example:

Sep 2020. Submission of mid-year report.

Mar 2021. Submission of year-end report.

**Description** – Provide a brief description of the milestone, if not obvious from the name.

When you are done, click the green “Submit” button.

## Supporting Resources:

This section is intended to provide a reference material for this project, such as a quote for a capital purchases, data management plan, previous competitive funding project proposal, a hyperlink to a partners website, or a description of a requested piece of equipment/tool, etc.

Click blue “Add Resource” button.

**Resource name** – Provide a descriptive name for the files you are attaching.

**File attachment** – Click this button to select the file that you intend to attach. Not required if reference is an external URL.

**External URL** – Copy the external URL here. Not required if reference is an attached file.

When you are done, click the green “Submit” button.

## Financial Summary:

This section provides a summary of the requested resources for this project (Salary, O&M, Capital). This financial summary does not yet include any external contributions to this project.

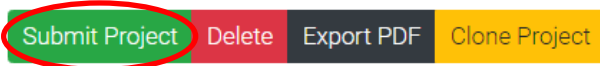
Financial Summary:

Category	A-base	B-base	C-base	Total Cost
Salary (excluding full time employees)	----	----	----	----
O & M	----	----	----	----
Capital	----	----	----	----

## How to Submit a Project

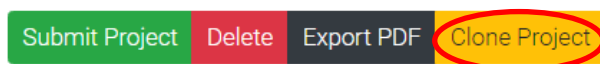
When you have entered all the requested information about your project, and you are ready to submit the project for review, first check to make sure the field entitled “Should this project be hidden from other users” (you may need to click “Add/Edit Project Details” button to get back to this field) reads “No”, unless you have a very good rationale for keeping this project hidden from other staff. Then, click the green “Submit Project” button at the very beginning of the project form, shown below.

UNSUBMITTED



## How to Clone a Project

Rather than start from scratch to enter a project, you can make use of an existing project as a template for the creation of a new project. Search for the project you would like to clone in the “All Projects” tab. Then click on the project so that you can see all the project details. Click on the yellow “Clone Project” button, shown below.



## Annex 1. List of Gulf/Maritimes “Programs”, as listed in the Project Planning Application

Program Name as Listed in the Project Planning Application	Core/Flex	Description
Activities that fall under the <b>Aquatic Ecosystems</b> part of the Departmental Results Framework <a href="https://www.dfo-mpo.gc.ca/rpp/2018-19/results-framework-cadre-resultats-eng.html">https://www.dfo-mpo.gc.ca/rpp/2018-19/results-framework-cadre-resultats-eng.html</a>		
Aquatic Ecosystems - Aquatic Invasive Species	Core	Core AIS activities
Aquatic Ecosystems - Aquatic Invasive Species - Monitoring and Assessment	Flex	Discretionary monitoring and assessment activities funded through AIS competitive funding
Aquatic Ecosystems - Aquatic Invasive Species – Research	Flex	Discretionary research projects funded through competitive AIS funding
Aquatic Ecosystems - Ecosystem Science	Core	Core ecosystem science activities, including admin
Aquatic Ecosystems - Ecosystem Science (Arctic)	Core	Core Arctic Science activities, including activities funded under national Arctic Science funding (see Annex 2)
Aquatic Ecosystems - Ecosystem Science (Cetaceans)	Core	Cetacean-related projects funded with Ecosystem Science funding (not Fisheries-related marine mammal funding)
Aquatic Ecosystems - Ecosystem Science (SPERA)	Flex	Projects currently (or potentially) funded by SPERA (see Annex 2)
Aquatic Ecosystems - Ecosystem Science (Stressors)	Core	Core Ecosystem Stressors activity, e.g. SOTO work
Aquatic Ecosystems - Ecosystem Science (Stressors)	Flex	Projects currently (or potentially) funded by the National competitive Ecosystem Stressors fund (see Annex 2)
Aquatic Ecosystems - Fisheries Protection (Freshwater) – National Centre for Habitat Mitigation (Moncton)	Core	Activities conducted by the new National Centre for Habitat Mitigation in Moncton
Aquatic Ecosystems - Fisheries Protection (Freshwater) - Regional Program	Core	Core regional activities conducted under the new freshwater fisheries protection program

Aquatic Ecosystems - Marine Spatial Planning	Core	Core MSP activities, including data integration and publication
Aquatic Ecosystems - Marine Spatial Planning	Flex	Discretionary MSP activities funded through regional or national competitive funds
Aquatic Ecosystems - MPAs - Monitoring and Assessment	Core	Core MPA-related activities, including monitoring under NCP or assessment under MCT
Aquatic Ecosystems - MPAs - Research	Flex	Discretionary MPA activities funded through national or regional competitive funding
Aquatic Ecosystems - Oceanography	Core	Core OESD business, including admin and other A-base funded activities
Aquatic Ecosystems - Oceanography (ACCASP)	Core	Core ACCASP activities
Aquatic Ecosystems - Oceanography (ACCASP)	Flex	Discretionary activities funded under national ACCASP competitive funding
Aquatic Ecosystems - Oceanography (AZMP)	Core	Activities associated with AZMP.
Aquatic Ecosystems - Oceanography (COMDA)	Core	Activities associated with COMDA.
Aquatic Ecosystems - Oceanography (OSFI)	Core	Activities funded specifically through the Science 2016 OSFI funding, e.g. glider program.
Aquatic Ecosystems - Oceanography (Surveys)	Core	Other oceanography survey activities
Aquatic Ecosystems - OPP (Baseline)	Core	Activities funded under the OPP Baseline program
Aquatic Ecosystems - OPP (Drift Prediction)	Core	Activities funded under the OPP Drift Prediction program
Aquatic Ecosystems - OPP (Fate and Behaviour)	Core	Activities funded under the OPP Baseline program
Aquatic Ecosystems - OPP (MEQ)	Core	Activities funded under the MEQ program
Aquatic Ecosystems - OPP (Whale Detection and Avoidance)	Core	Activities funded under the OPP Whale Detection and Avoidance program

Aquatic Ecosystems - Planning for Integrated Emergency Response (PIER)	Core	Activities funded under the new PIER program
Aquatic Ecosystems - Species at Risk	Core	Core SAR activities
Activities that fall under the <b>Fisheries</b> part of the Departmental Results Framework <a href="https://www.dfo-mpo.gc.ca/rpp/2018-19/results-framework-cadre-resultats-eng.html">https://www.dfo-mpo.gc.ca/rpp/2018-19/results-framework-cadre-resultats-eng.html</a>		
Fisheries - Aquaculture Science (ACRDP)	Flex	Aquaculture activities currently (or potentially) funded by ACRDP (see Annex 2)
Fisheries - Aquaculture Science (AEIP)	Flex	Aquaculture activities currently (or potentially) funded by AEIP (see Annex 2)
Fisheries - Aquaculture Science (AMP)	Flex	Aquaculture activities currently (or potentially) funded by AMP (see Annex 2)
Fisheries - Aquaculture Science (Core)	Core	Core aquaculture science activities, funded through national or regional A-base sources.
Fisheries - Aquaculture Science (PARR)	Flex	Aquaculture activities currently (or potentially) funded by PARR (see Annex 2)
Fisheries - Aquaculture Science (SAP)	Core	Core activities funded under the Sustainable Aquaculture Program.
Fisheries - Aquatic Animal Health (Gulf Biocontainment Unit)	Core	Core activities of the Gulf Biocontainment Unit
Fisheries - Aquatic Animal Health (National)	Core	Core National Aquatic Animal Health Program (NAAHP) activities
Fisheries - Aquatic Animal Health (non-NAAHP)	Flex	Discretionary non-NAAHP activities
Fisheries - Aquatic Animal Health (Regulatory Diagnostics)	Core	Core regulatory diagnostics activities
Fisheries - Aquatic Animal Health (Regulatory Research, CAAHRD)	Flex	Discretionary regulatory research activities
Fisheries - Biotechnology and Genomics (Core)	Core	e.g. core activities funded with A-base
Fisheries - Biotechnology and Genomics (GRDI)	Flex	Activities funded by GRDI (see Annex 2)
Fisheries - Biotechnology and Genomics (Research)	Flex	Activities funded through other national or regional competitive or discretionary funding.

Fisheries - Fisheries Science (A-base)	Core	Branch level fisheries science activities, e.g. admin, data management, non-TESA training
Fisheries - Fisheries Science (Bass - Monitoring and Assessment)	Core	Core striped bass monitoring and assessment activities
Fisheries - Fisheries Science (Bass - Research)	Flex	Discretionary striped bass research activities
Fisheries - Fisheries Science (Diadromous (not salmon) - Monitoring and Assessment)	Core	Core non-salmon Diadromous (e.g. gaspereau) monitoring and assessment activities
Fisheries - Fisheries Science (Diadromous (not salmon) - Research)	Flex	Non-salmon Diadromous (e.g. gaspereau) research activities
Fisheries - Fisheries Science (Eel - Monitoring and Assessment)	Core	Eel monitoring and assessment activities
Fisheries - Fisheries Science (Eel - Research)	Flex	Discretionary eel research activities
Fisheries - Fisheries Science (FSCP)	Flex	Not applicable for Maritimes
Fisheries - Fisheries Science (FSERP)	Flex	Activities funded by FSERP (see Annex 2)
Fisheries - Fisheries Science (Groundfish - Monitoring and Assessment)	Core	Core groundfish monitoring and assessment activities. Indicate species in "Tags" field.
Fisheries - Fisheries Science (Groundfish - Research)	Flex	Discretionary groundfish research activities. Indicate species in "Tags" field.
Fisheries - Fisheries Science (Inverts - Monitoring and Assessment)	Core	Core invertebrate monitoring and assessment activities
Fisheries - Fisheries Science (Inverts - Research)	Flex	Discretionary invertebrate research activities. Indicate species in "Tags" field.
Fisheries - Fisheries Science (Lobster - Monitoring and Assessment)	Core	Core lobster monitoring and assessment activities
Fisheries - Fisheries Science (Lobster - Research)	Flex	Discretionary lobster research activities
Fisheries - Fisheries Science (Marine Mammals - Monitoring and Assessment)	Core	Marine mammal monitoring and assessment activities, e.g.



		seals and whales (but not Right Whales, see below)
Fisheries - Fisheries Science (Marine Mammals - Research)	Flex	Marine mammal research activities, e.g. seals and whales (but not Right Whales, see below)
Fisheries - Fisheries Science (NMF)	Flex	Surveys funded through the National Monitoring Fund.
Fisheries - Fisheries Science (North Atlantic Right Whale - Monitoring and Assessment)	Core	NARW monitoring and assessment activities
Fisheries - Fisheries Science (North Atlantic Right Whale - Research)	Flex	Discretionary NARW research activities.
Fisheries - Fisheries Science (Pelagic Large - Monitoring and Assessment)	Core	Monitoring and assessment activities related to tunas and sharks, for example.
Fisheries - Fisheries Science (Pelagic Large - Research)	Flex	Research activities related to tunas and sharks, for example.
Fisheries - Fisheries Science (Pelagic Small - Monitoring and Assessment)	Core	Monitoring and assessment activities related to herring and mackerel, for example.
Fisheries - Fisheries Science (Pelagic Small - Research)	Flex	Research activities related to herring and mackerel, for example.
Fisheries - Fisheries Science (Salmon - Monitoring and Assessment)	Core	Core salmon monitoring and assessment activities – indicate DU or assessment unit in the “Tags” field.
Fisheries - Fisheries Science (Salmon - Research)	Flex	Discretionary salmon research activities – indicate DU or assessment unit in the “Tags” field.
Fisheries - Fisheries Science (Scallop - Monitoring and Assessment)	Core	Core scallop monitoring and assessment activities – indicate assessment unit in the “Tags” field
Fisheries - Fisheries Science (Scallop - Research)	Flex	Discretionary scallop research activities
Fisheries - Fisheries Science (Secondary Species - Monitoring and Assessment)	Core	Core secondary species monitoring and assessment activities (i.e. species not otherwise

		identified in this list of programs). Identify species in the “Tags” field
Fisheries - Fisheries Science (Secondary Species - Research)	Flex	Discretionary secondary species research activities (i.e. species not otherwise identified in this list of programs). Identify species in the “Tags” field
Fisheries - Fisheries Science (Shrimp - Monitoring and Assessment)	Core	Core shrimp monitoring and assessment activities
Fisheries - Fisheries Science (Shrimp - Research)	Flex	Discretionary shrimp research activities
Fisheries - Fisheries Science (Snow Crab - Monitoring and Assessment)	Core	Core snow crab monitoring and assessment activities
Fisheries - Fisheries Science (Snow Crab - Research)	Flex	Discretionary snow crab research activities
Fisheries - Fisheries Science (Surveys)	Core	Core survey activity, e.g. RV Survey work, that is not funded through the National Monitoring Fund (NMF)
Fisheries - Fisheries Science (Technology)	Flex	Activities related to fisheries technology development, adaptation or testing (not species specific)
Fisheries - Fisheries Science (TESA)	Core	Training or other activities funded by TESA
Fisheries - Fisheries Science (Turtles - Monitoring and Assessment)	Core	Core sea turtle monitoring and assessment activities. Indicate species in the “Tags” field
Fisheries - Fisheries Science (Turtles - Research)	Flex	Discretionary sea turtle research activities. Indicate species in the “Tags” field.
Fisheries - Fisheries Science (Wild Shellfish - Monitoring and assessment)	Flex	Other wild shellfish monitoring and assessment activities. Indicate species in the “Tags” field.
Fisheries - Fisheries Science (Wild Shellfish - Research)	Flex	Other wild shellfish research activities.

		Indicate species in the "Tags" field.
Fisheries - International Governance Strategy	Flex	Activities funded through the National IGS fund (see Annex 2)
Fisheries - NB Salmon Transformation	Core	Gulf Region only
Fisheries - Partnership Funding	Flex	Project funded through the National Partnership Fund (see Annex 2 and 3)
Activities that don't fall under one of the program areas in the Departmental Results Framework		
General - Atlantic Science Enterprise Centre (DFO)	Flex	Gulf Region only
General - Canadian Science Advisory Secretariat (CSAS)	Core	CSAS business (please enter only in discussion with the Maritimes CSAS Office)
General - Corp - Administration	Core	Admin activities
General - Corp - Business Service	Core	Business Services
General - Corp - Business Service (ASCEI)	Core	Gulf Region only
General - Data Management	Core	Core data management activities
General - Other - Special Projects	Core	Special Projects
Activities that fall under the <b>Marine Navigation</b> part of the Departmental Results Framework <a href="https://www.dfo-mpo.gc.ca/rpp/2018-19/results-framework-cadre-resultats-eng.html">https://www.dfo-mpo.gc.ca/rpp/2018-19/results-framework-cadre-resultats-eng.html</a>		
Marine Navigation - CHS - Electronic Navigation Charts	Core	
Marine Navigation - CHS - High Priority Charting	Core	

## Annex 2. List of National Funds (also included in the program list above)

National Program Name	Program as listed in the Project Planning Application
Arctic Science Program (AS)	Aquatic Ecosystems – Ecosystem Science (Arctic)(core)
Ecosystem Stressors Program (ES)	Aquatic Ecosystems – Ecosystem Science (Stressors)(flex)
Strategic Program for Ecosystem-based Research and Advice (SPERA)	Aquatic Ecosystems – Ecosystem Science (SPERA) (flex)
Fisheries Science Collaborative Program (FSCP) - Quebec, NL, and Gulf only	Fisheries – Fisheries Science (FSCP) (flex)
International Governance Strategy (IGS) Science Program	Fisheries – International Governance Strategy (flex)
Fisheries Science and Ecosystem Research Program (FSERP)	Fisheries – Fisheries Science (FSERP) (flex)
National Monitoring Fund (NMF)	Fisheries – Fisheries Science (NMF)
Aquatic Invasive Species (AIS)	Aquatic Ecosystems – Aquatic Invasive Species - Research (flex)
Aquatic Climate Change Adaptation Services Program (ACCASP)	Aquatic Ecosystems – Oceanography (ACCASP) (flex)
Center of Expertise in Marine Mammalogy Program (CEMAM)	Fisheries – Fisheries Science (Marine Mammals - Research) (flex)
Program for Aquaculture Regulatory Research (PARR)	Fisheries - Aquaculture Science (PARR) (flex)
Aquaculture Collaborative Research and Development Program (ACRDP)	Fisheries - Aquaculture Science (ACRDP) (flex)
Genomics Research and Development Initiative (GRDI)	Fisheries – Biotechnology and Genomics (GRDI) (flex)
Center for Aquatic Animal Health Research and Diagnostics Program (CAAHRD)	Fisheries – NAAPH – CAAHRD Research (flex)
Aquaculture Ecosystem Interactions Program (AEIP)	Fisheries - Aquaculture Science (AEIP) (flex)
Canadian Regulatory Science for Biotechnology Program (CRSB)	None
Partnership Fund	Fisheries – Partnership Funding (flex)

### Annex 3. List of National G&C Programs

<b>National Program Name</b>
Aquaculture
Bill C68 (new)
Coastal Environmental Baseline Program (OPP)
Freshwater habitat science (Fisheries Act Renewal)
Freshwater research (Science 2016)
G7 Funding – Commonwealth Blue Charter Champion (new)
MEQ (OPP)
MSP (new)
Multi-partner oil spill response research (OPP)
Contaminants (A-base)
Contaminants (Ecosystem Stressors)
Contaminants (Fate, Behaviour and Effects – OPP)
Ocean and Climate Change Science (CIOOS)
Ocean Networks Canada
Oceanographic Trust Fund
Partnership Fund (Science 2016)
Reducing Threat of Vessel Traffic on Marine Mammals (OPP)
Terrestrial Cumulative Effects Initiative (TMX) (new)
UN Decade of the Oceans for Sustainable Development (new)
Whale Protection and Recovery Initiative