



# MEOPAR

## CALL FOR PROPOSALS September 2017

In partnership with the Marine Environmental Observation Prediction and Response (MEOPAR) Network, exactEarth Ltd., Clear Seas Centre for Responsible Marine Shipping (Clear Seas), Emergency Management British Columbia (EMBC) and Ocean Networks Canada (ONC)



Clear Seas



BRITISH  
COLUMBIA



## Inquiries

Proponents with inquiries regarding the Call for Proposals are encouraged to contact the MEOPAR staff for guidance on the various components.

For questions regarding fit to the Network, eligibility, budget and in-kind contributions, and reporting, contact Alexa Reedman at [alexa.reedman@meopar.ca](mailto:alexa.reedman@meopar.ca)

For questions regarding research impact, knowledge mobilization, intellectual property and the online portal, contact Alison Maunder at [alison.maunder@meopar.ca](mailto:alison.maunder@meopar.ca)

For questions regarding the training program and HQP, contact Laura Avery at [laura.avery@meopar.ca](mailto:laura.avery@meopar.ca)

For questions about the online portal, contact Janet Marshall at [janet.marshall@meopar.ca](mailto:janet.marshall@meopar.ca)

For questions regarding proposal fit to Theme 1: Environmental Change, contact Susan Allen at [sallen@eoas.ubc.ca](mailto:sallen@eoas.ubc.ca) or Brent Else at [belse@ucalgary.ca](mailto:belse@ucalgary.ca).

For questions regarding proposal fit to Theme 2: Human Activity, contact Jackie Dawson at [jackie.dawson@uottawa.ca](mailto:jackie.dawson@uottawa.ca) or Philip Loring at [phil.loring@usask.ca](mailto:phil.loring@usask.ca).

# Glossary of Terms

- **Call/module partner:** An organization partnering with MEOPAR to support the CFP (i.e. exactEarth Ltd., Clear Seas, EMBC or ONC in this CFP).
- **CFP:** Call for Proposals
- **Collaborator:** Researchers who do not receive funding but who are involved in the research project. They can be from an academic institution, government agency, industry partner, etc.
- **Core:** a main mechanism through which MEOPAR provides research support to projects and the Network.
- **End-user:** Non-academic stakeholders (e.g. government departments, policy makers, the public, private industry, not-for-profits, etc.) who apply research results or knowledge, resulting in research impact.
- **Highly Qualified Personnel (HQP):** Trainees and research staff such as undergraduate and graduate students, postdoctoral fellows, research associates, research assistants, technicians, and summer students.
- **Investigator:** Researchers who are involved in the research project and receive funding.
- **Knowledge Mobilization (KM):** The process by which research or knowledge is co-produced and shared with end-users or partners. KM aims to get information to influential people or organizations, at the right time, in the appropriate format, in order to facilitate evidence-based decision making.
- **Not-for-profit organization (NFP):** An organization created and operated to contribute to the public's benefit, wherein all revenues that go beyond operating costs go back into the organization.
- **Non-governmental organization (NGO):** A category of NFP that functions independently of government.
- **Partner (contributor):** An organization providing cash and/or in-kind contributions in support of the activities of a project.
- **Principal Investigator (PI):** The lead investigator on a research project who has overall responsibility for the research grant as well as the MEOPAR Performance and Reporting Agreement for the project.
- **Project milestone(s):** Concrete and measurable timeline steps that the project must complete.
- **Research deliverable(s):** Refers to the research results or knowledge resulting from a project that can be mobilized for use by partners or end-users. Examples include:

exploitable scientific results, reports, guidelines/standards, training activities/learning modules, software/modelling tools, products, prototypes, services/tools, multimedia, and data.

- **Research impact:** The long-term effect that the research-informed products, policies, and services have on the environment, economy, society, or quality of life (e.g. job creation, safer maritime shipping regulations, more effective coastal community adaptation strategies, improved understanding of ecosystem services, etc.)
- **Research Management Committee (RMC):** Reviews proposals, monitors the progress of the Network funded projects, and makes recommendations to the MEOPAR Board on the activities, budget allocations, and the personnel involved in the Network.

# Call for Proposals – September 2017

## A. Structure of the Research Call

The Call for Proposals (CFP) is a joint initiative of MEOPAR, exactEarth Ltd., Clear Seas Centre for Responsible Marine Shipping (Clear Seas), Emergency Management British Columbia (EMBC) and Ocean Networks Canada (ONC). Each partner is contributing to the CFP financially, with breakdowns described by module (see attachments). Proponents will only submit their application to MEOPAR for this Call.

There is approximately **\$4.0 million** available to support research projects for this CFP. The timelines for these projects vary by module, between 2-3 years.

There are four (4) modules under this Call for Proposals:

1. **Studying the use of AIS transceivers on small vessels** (Partner: exactEarth Ltd., funding available up to \$125,000, Timeline: 2 years)
2. **Commercial shipping issues in Canada's North** (Partner: ClearSeas, funding available up to \$500,000, Timeline: 2 years)
3. **Scientific modelling and decision-making frameworks for port infrastructure and marine transportation on the British Columbia, Washington and Alaska coastlines** (Partner: EMBC, funding available up to \$1.0 million, Timeline: 2.5 years)
4. **Open call for proposals that address one or more of the areas of MEOPAR's strategic plan** (funding available up to: \$2.2 million, Timeline: 2-3 years)

The contribution of ONC may be applied to any of the four modules. Eligibility for ONC funding is detailed in the eligibility section below.

When applying, proponents must identify the module they are applying to, as well as whether they consider their proposal to be ONC eligible.

The evaluation of proposals will be conducted by MEOPAR's Research Management Committee (RMC), with partner participation where appropriate<sup>1</sup>. Successful projects will receive funds from both MEOPAR and the Call/module partner. MEOPAR will administer the full grant for all projects funded under this CFP.

---

<sup>1</sup> EMBC has entered into two contribution agreements with MEOPAR. As per the terms and conditions of these agreements, EMBC will not participate in the project selection process.

## B. About MEOPAR

Established in 2012 through Canada's federal [Networks of Centres of Excellence](#) (NCE) Program, MEOPAR is a national network of academic researchers and students, government scientists, and partners in the private, NGO and community sectors working together to reduce vulnerability and strengthen opportunity in the marine and coastal environments.

MEOPAR's vision is to enable Canadian leadership in marine environmental observation, prediction and response, in close coordination with partners, and to deliver knowledge, technology, technique and highly-qualified personnel (HQP) to enhance resilience and optimize economic opportunity for Canada. This will be realized through the development and application of knowledge-based approaches to better anticipate and respond to the risk of the changing marine environment.

MEOPAR's second funding Cycle (2017-2022) will build on the capacity established during its first cycle (2012-2017) and focus efforts on strengthening pathways with partners and end-users. MEOPAR will continue to develop multi-sectoral and international partnerships to ensure the delivery of knowledge and technology to partners and end-users for the benefit of Canada.

MEOPAR's research plan is organized into two themes (Theme 1: Environmental Change; and Theme 2: Human Activity) and is focused on providing research solutions to four Canadian socio-economic challenges:

- a. The data coordination gap in ocean observation;
- b. Predictive capacity and environmental forecasts, particularly in the Arctic in support of the Year of Polar Prediction (YOPP);
- c. Knowledge-based and forecasting solutions to increase coastal community resilience;
- d. Technology and data solutions that minimize risk and maximize efficiency of marine industry operations, with emphasis on coastal and northern shipping.

MEOPAR's research projects are supported by activities of three Cores: Observation, Prediction and Response. The Cores allow for maintenance and sharing of key expertise, instrumentation and knowledge transfer activities that are of general relevance to MEOPAR projects as well as to closely-related activities. Hence Cores provide technical support and central functions – in the form of equipment, technical expertise, technicians, training, and quality assurance.

More information about MEOPAR's organizational structure and Strategic Plan can be found on our website <http://meopar.ca/about-meopar/strategic-plan>.

## C. Structure of Project Teams and Eligibility

All proposals must demonstrate end-user(s)/partner engagement in the project (beyond the Call/module partner). In keeping with the nature of the NCE program, MEOPAR seeks to build multi-sectoral and interdisciplinary partnerships. International collaborations are beneficial. Therefore, proposals are strongly encouraged to integrate researchers from more than one discipline, as defined by their applicable granting council (NSERC, SSHRC and CIHR) and involve multiple sectors (i.e. academia, private sector, government, NGOs) working together to achieve joint research deliverables<sup>2</sup>. MEOPAR expects that integration of researchers from diverse disciplines be convincing to reviewers and tied clearly and logically to the objectives of the proposal.

Financial support from partners (in-kind and/or cash) will be viewed as a major asset to proposals, but is not a requirement for application. Proposals and letters of support should clearly explain the nature of the participation and any financial commitments. Review the [NSERC Guidelines on Eligibility and Value of In-Kind Contributions](#).

Research eligible to receive ONC funds includes proposals which:

- use ONC data sources (see definition below) to advance development of models or predictive skills that could be operationalized for the benefit of Canada, and/or
- create new or enhanced data products (process, analysis, visualization method or data format) from ONC data sources that will convey complex information and/or highlight key environmental variables, and benefit other observatory users and stakeholders. ONC data sources include:
  - Any data source associated with the VENUS Salish Sea Observatory,
  - Any data source associated with the NEPTUNE offshore Observatory,
  - Any ONC community observatory located along the coasts of BC, the Arctic and the Atlantic,
  - Third party data hosted by ONC via the Oceans 2.0 data portal such as Arctic or Atlantic buoy data.

MEOPAR investigators are limited to holding concurrent funding from a maximum of two activities (projects or Cores). Therefore, investigators receiving funds on two activities are ineligible to apply to this CFP<sup>3</sup>. Investigators who are currently funded on one activity are eligible to request funding in one proposal. Investigators who are not currently funded by

---

<sup>2</sup> Interdisciplinarity is strongly encouraged, however where this is not practical (e.g. technology development project), the proposal must clearly articulate how the research deliverables will support research or knowledge mobilization activities that integrate other disciplines or end-users/partners.

<sup>3</sup> An investigator who has funding in a Core to provide a service (as opposed to conducting the investigator's own research) may apply to the RMC for an exception - **well in advance** - via [alexa.reedman@meopar.ca](mailto:alexa.reedman@meopar.ca)

MEOPAR are eligible to request funding to a maximum of two proposals, but only one as the PI.

Applicants are encouraged to establish links with existing or previous MEOPAR projects. This may be through formal cooperation with an existing or previous MEOPAR research project or Core activity or through a clear explanation of how a distinct research focus is relevant to, and might be integrated with other MEOPAR research activities. Descriptions of existing and previous projects are available on the website <http://meopar.ca/research/>. Applicants are encouraged to contact MEOPAR's Theme Leads to discuss potential collaborations.

## **D. Highly Qualified Personnel (HQP)**

Our capacity to observe, predict and respond to future marine risk depends on the academic and professional preparation of the next generation of scientists and decision makers. As an NCE, MEOPAR plays a critical role in training the next generation of marine researchers in Canada. Our training program focuses on building trainees' interdisciplinary skills related to marine environment risk and the required response and policy strategies.

Network-level training initiatives are complemented by project-level training. Research projects must provide HQP with value-added training and development of competencies critical for collaborative research, cross-sector research interactions, and implementation through partnerships. Project-level HQP training will promote trainees' career development and address capacity gaps in the marine risk sector.

## **E. Requirements of Funding**

Each investigator receiving MEOPAR funding will enter into a Performance and Reporting Agreement (PARA) with the Network, which will identify funding schedules as well as the reporting timeline for investigators. In the research plan, investigators will describe 3-5 concrete and measurable project milestones (which will be listed in this agreement). PIs will be required to submit an annual report which includes information such as: cash and in-kind funding from partners, a progress report, training and knowledge mobilization deliverables, explanation of any delays to the project's timeline, etc.

It is the responsibility of the PI to ensure that all necessary certifications, permits, licenses and other approvals have been obtained before any research is carried out in whole or in part (e.g. research involving human subjects, or research with effects on the environment, Indigenous peoples, and animals). If an environmental or ethics assessment is required for the proposal, MEOPAR will need a copy of the appropriate institutional certification committee approval.

## F. Research Impact & Knowledge Mobilization

MEOPAR defines research impact as the effect on, change, or benefit to the economy, society, culture, public policy, government operations, the environment or quality of life. Impact is achieved when knowledge or research fulfils a need of an end-user (e.g., government departments, policy makers, the public, private industry, not-for-profits, etc.) and is applied by that end-user. Knowledge Mobilization (KM) is the process by which research is packaged and transferred to end-users, resulting in impact.

MEOPAR's RMC evaluates proposals on their ability to clearly demonstrate the intended impact of the research; how the project is addressing partner/end-user needs; and, the appropriateness of knowledge mobilization strategies. This should be evidenced through a clear KM plan and by partner letters of support. Proposals must demonstrate capacity to translate research from discovery (academic) to impact (end-users).

When writing the proposal's KM Plan, the following criteria should be considered and addressed:

- Partners/end-users have expressed an interest or need for the proposed research (this should be reiterated in their letter of support)
- Partners/end-users have been consulted on how and when they would like to receive the research results, or there is a plan to consult them throughout the project
- The proposal has appropriate expertise on the research team, or a plan to build it, and sufficient resources to accomplish the proposed KM activities
- The project has identified a way to evaluate whether impact is achieved, including specific targets/metrics

Applicants are encouraged to contact Alison Maunder ([alison.maunder@meopar.ca](mailto:alison.maunder@meopar.ca)) for questions about developing project KM Plans.

## G. Intellectual Property

The ownership of Intellectual Property (IP) supported by MEOPAR research grants is determined by the policies and by-laws of the participating institutions (universities and Call/module partners). The authority and responsibility for making decisions regarding the legal protection and commercialization of IP rests with the owners of the IP and/or their institution. MEOPAR asserts no claim to any intellectual property, however, reserves the right to use the results of the research for reporting and promotional purposes.

Applicants must consult their own universities in the case of proposals that may involve or generate protected IP. In general, Call/module partners should have access to the research

results for reporting and promotional purposes, which will not be unduly restricted by the investigator, the investigator's university, nor other project partners.

Successful applicants must sort out any IP issues with partner organizations (if applicable) and provide a signed IP agreement to MEOPAR within **12 weeks** of funding notification.

## H. Data Management Plan

Applicants will be required to submit a Data Management Plan (DMP) summary, which summarizes their planned approach to manage the data generated or collected by the proposed research. Plan summaries should include the types of data generated, the formats and metadata you expect to employ, how the data will be managed throughout its lifecycle, training and documentation plans for the research team, what resources are required (particularly if you have included a budgeted amount), how and when the data will be made available to others (including MEOPAR and Call/module partners), and any special considerations impacting data management (e.g. confidentiality, ethics approvals, etc.). Applicants should ensure that DMPs are compliant with MEOPAR's data policy [http://meopar.ca/uploads/Data\\_Management\\_Policy\\_-\\_September\\_2017.pdf](http://meopar.ca/uploads/Data_Management_Policy_-_September_2017.pdf).

Note: If the proposal is successful, applicants will be required to submit a complete DMP prior to receiving project funds. MEOPAR recommends the Portage DMP Assistant, which has a [MEOPAR-approved template](#), but other formats are accepted if they include the same information.

## I. Budget

A detailed budget with specific breakdowns and justification for each category, as well as between PIs and investigators, is required in the proposal. For example, in the "Personnel" section, be specific about the number of people to be hired and their status (Masters student, PhD candidate, Postdoctoral Fellow, Research Associate etc.). If listing in "Equipment" category, specify the type of equipment, approximate cost and rationale for purchase or rental. If listing in "Travel" category, include information such as the intended destinations and number of people traveling. Differentiate between travel required for the research activity, travel related to the Annual Scientific Meeting/Annual Training Meeting, and knowledge mobilization activities (e.g., workshops, meetings with end-users/partners, printing costs, website design or other professional services etc.).

Projects must include funding for one investigator and one HQP to attend the MEOPAR Annual Science Meeting/Annual Training Meeting for each year the project will receive funding. These will be held jointly in the following locations:

Date	Location
June, 2018	Halifax, NS
June, 2019	Winnipeg, MB
June, 2020	Ottawa, ON
June, 2021	Victoria, BC

The budget must be submitted in the format of the attached template (Appendix B). For Non-NCE contributions, indicate in the attached template (Appendix C) whether partner contributions are in the form of cash or in-kind. Review the [NSERC Guidelines on Eligibility and Value of In-Kind Contributions](#). Note that the timing of the first year of the project is April 1, 2018 – March 31, 2019 (also known as “MEOPAR Year 7”)<sup>4</sup>. MEOPAR’s fiscal year closes on March 31 and funding will be released in April 2018.

## J. Procedure

Proposals will be submitted via our new online grant application portal:

<https://webportalapp.com/sp/login/meopar>.

See attached “Appendix D” for portal instructions.

Keep submission sections to the word or page limits indicated. Reviewers will not receive information after the noted limit (e.g., if a letter of support is included that is 3 pages long, the reviewers will not read the third page).

For PDF uploads, documents are to be single-spaced (no more than six lines per inch), regular 12-point font, with margins of 0.75”.

### 1. General Project Information

- List the project title, name of PI, the module the proposal is applying to and whether or not it is ONC eligible.

### 2. Research Impact Summary (maximum 250 words)

- Clearly articulate the research to be completed (in plain language), its value or impact for Canada, and any applications or uses for the partners/end-users. This description may be used externally in media releases, other communications, or by MEOPAR to promote our Network to project partners.

### 3. Fit to Network: MEOPAR’s Strategic Plan (maximum 250 words)

---

<sup>4</sup> In certain circumstances, funding as early as January 2018 may be possible. Contact [alexa.reedman@meopar.ca](mailto:alexa.reedman@meopar.ca) if applicable to your proposal.

- Explain how your project will advance MEOPAR's Strategic Plan, and identify one or more of the four challenge areas that your project addresses, and how it fits within the thematic structure (both available on CFP website).

**4. Research Plan (maximum 5 pages – PDF upload)**

- Problem(s) to be addressed, including overview of the state-of-the-art developments in research topic.
- Methodological approach.
- Anticipated research results.
- Innovation and significance of research.
- Provide 3-5 concrete and measurable project milestones (that will be used in MEOPAR's PARA) and their associated timeline.
- Include a description of connections to researchers' prior or ongoing research activities, if applicable, as well as any future perspectives that lie beyond the proposed MEOPAR funding period.

**5. Fit to Network: Linkages to Current MEOPAR Research (maximum 250 words)**

- Describe linkages to other MEOPAR activities and/or existing projects.

**6. Need: Partner/End-User Support (maximum 250 words)**

- Provide information about your partners, and how they will support and utilize your research.
- Describe the nature of their contribution.
- Values of cash and in-kind contributions listed in this section are to appear in Appendix C.
- Content of partner contributions should be reflected in attached letters of support.

**7. Highly Qualified Personnel (HQP) – (maximum 500 words)**

- List the anticipated number of HQP, and their roles, that will be engaged in the project.
- Describe how the project will offer value-added training and development on competencies critical for collaborative research, cross-sector research interactions, and implementation through partnerships.
- Describe how HQP training may meet any capacity gaps in the sectors with which the proposal is aligned and how the trainees may benefit from this in their career development.
- Describe opportunities for advanced training and/or partner-engaged internships through MITACS or other internship programs. Note potential partnership matching and/or in-kind in the budget notes and justification

section.

- For postdoctoral fellows, briefly describe the career development plan for each.

**8. Excellence of the Researchers (maximum 500 words)**

- Explain the expertise and role each funded investigator and key collaborator bring to the project, including any experience with interdisciplinary and collaborative research, knowledge mobilization strategies, engaging end-users/partners, and in training students.

**9. Knowledge Mobilization Plan (Appendix A – PDF upload)**

- Use the template provided (Appendix A), which can then be uploaded to the online portal.
- Ensure that research deliverables and knowledge mobilization strategies are clearly linked to partner/end-user needs.
- Proposals should demonstrate that the project has sufficient expertise, time and financial resources to accomplish its knowledge mobilization activities.

**10. Data Management Plan Summary (maximum 250 words)**

- Outline your data management strategy, including the types of data generated, the formats and metadata you expect to employ, what resources are required, how this plan will be communicated to the research team, and when the data will be made available.
- If the proposal is funded, the PI will be required to submit a full Data Management Plan.
- Data Management Plans must align with MEOPAR's Data Management Policy, available on MEOPAR's website:  
[http://meopar.ca/uploads/Data\\_Management\\_Policy\\_-\\_September\\_2017.pdf](http://meopar.ca/uploads/Data_Management_Policy_-_September_2017.pdf).

**11. Budget and Non-NCE Contributions (Appendix B & C – Excel upload)**

- Use the budget template provided (Appendix B).
- Be specific on budget line items (as noted in section G).
- Include travel expenses to MEOPAR's Annual Scientific Meeting/Annual Training Meeting for one investigator and one HQP for each year the project is funded.
- Use the non-NCE contributions template (Appendix C).

**12. Budget Notes and Justification (maximum 500 words)**

- Include budget notes and justification for expenses.
- Where it says "specify" in the budget template, explain in the notes and

justification.

- If applicable, make note of in-kind contributions towards the proposal.

**13. Optional: Technology Development/Commercialization Plan (maximum 250 words)**

- If applicable, describe any opportunities for commercialization, development or licensing of new technology, creation of start-up companies, or protection of intellectual property.

**14. Citations/References (maximum 500 words – PDF upload)**

- List recent, proposal-relevant academic and other professional publications.

**15. Curriculum Vitae (PDF upload)**

- CVs may be submitted in any of the standard Tri-Council formats including the draft version generated through the Canadian Common CV website.
- Combine PI and all funded investigator CVs into a single document for upload.

**16. Letter(s) of Support (maximum of 2 pages each)**

- Each letter of support should explain the involvement of the partner with the research project and provides sufficient details and concrete examples of how they will utilize the research deliverables.
- The content of these letters should reflect the commitments of partners described in the “Partner/End-User Support” section.
- There is not a limit on the number of letters of support.

## **K. Submission Timeline**

The application deadline for this Call for Proposals is 4:00 p.m. Atlantic Time, **Wednesday, November 8, 2017**. MEOPAR’s online system will not accept submissions after the deadline.

An automatic acknowledgement of receipt will be provided by the system. MEOPAR’s Research Program Coordinator will provide an initial compliance screening. Proposals that do not follow these requirements explicitly will be returned to the applicant (PI) and given a 24-hour period to comply and resubmit. Proposals that still do not comply with these criteria or miss the 24-hour resubmission timeline will not be considered for funding.

Proposals will be reviewed and assessed by MEOPAR’s Research Management Committee (RMC), Call/module partner representatives (if appropriate) and additional outside expert reviewers as needed. Successful proponents will be notified in December

2017, with funding to be transferred by April 2018.

## L. Proposal Evaluation

The Research Management Committee will review all proposals and evaluate them in three key areas. Proposals will be rated on a 0-5 scale<sup>5</sup>.

- 0 – The proposal fails to address the criterion or cannot be assessed due to missing or incomplete information.
- 1 – Poor. The criterion is inadequately addressed, or there are serious inherent weaknesses.
- 2 – Fair. The proposal broadly addresses the criterion, but there are significant weaknesses.
- 3 – Good. The proposal addresses the criterion well, but a number of shortcomings are present.
- 4 – Very Good. The proposal addresses the criterion very well, but a small number of shortcomings are present.
- 5 – Excellent. The proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

### 1. Impact, Need and Fit to Network (35%)

#### Mandatory elements:

- 1.1. The proposal links strongly to MEOPAR's strategic plan
- 1.2. The proposal addresses specific module objectives and requirements (not applicable for Open Call module)
- 1.3. The proposal states the project's anticipated impact (in plain language) and provides a rationale as to why it will benefit Canadian society, economy and/or environment.
- 1.4. The proposal and letters of support demonstrate clear end-user/partner involvement (other than the Call Partner) in the project/question formulation, the research activities (where appropriate), and in putting the research to use.

#### Preferred elements:

- 1.5. The proposal links to current MEOPAR research and Core activities.
- 1.6. There are letters of support from a wide range of partners and end-users in various sectors (e.g. academic, government, NFPs, municipalities, etc.)

### 2. Excellence of the Research and Research Team (35%)

#### Mandatory elements:

- 2.1 The proposed research is innovative and/or original and has the potential to produce

<sup>5</sup> This interpretation of scores is based on the [Horizon 2020 model](#).

valuable advances.

2.2 The proposal addresses an issue with a clear knowledge, technology and/or research gap.

2.3 The research team has the appropriate research expertise and excellence to deliver on the proposed research plan.

**Preferred elements:**

2.4 The research program and team integrates multidisciplinary expertise in a convincing way.

2.5 The research team includes multi-sectoral expertise with the commitment and capacity to contribute usefully to the project objectives.

2.6 The team includes international participation with clear relevance/utility to Canada.

### **3. Training (20%)**

**Mandatory elements:**

3.1 There is a clear plan for value-added training of HQP, including opportunities for interdisciplinary learning, cross-sector engagement, and professional development.

3.2 HQP training will address capacity gaps in the sector(s) with which the proposal is aligned, and the trainees will benefit from the training in terms of career development.

**Preferred element:**

3.3 The training plan includes direct involvement from non-academic partners, such as partner-engaged internships through MITACS or other internship programs.

### **4. Management and Implementation (10%)**

**Mandatory elements:**

4.1 The proposal deliverables, timeline, and methodologies are clearly defined and realistic.

4.2 The KM plan is feasible and realistic (e.g. the research team has the appropriate expertise)

4.3 The proposal clearly articulates a path from research to impact and has defined research deliverables linked to partner needs

4.4 The data management plan is appropriate, feasible and consistent with the MEOPAR data management policy.

4.5 The budget has the appropriate resources assigned to accomplish research, training, knowledge mobilization activities and attendance at the Annual Scientific Meeting and Annual Training Session for investigators and HQP.

**Preferred element:**

4.6 There is a significant and quantifiable cash and/or in-kind contributions from partners/end-users.

## Questions?

For all questions about the CFP, please contact Alexa Reedman, Research Program Coordinator: [alexa.reedman@meopar.ca](mailto:alexa.reedman@meopar.ca). MEOPAR will consult with Call/module partners as necessary, and post questions and responses to questions on MEOPAR's "Call for Proposals" webpage, under "FAQs".