

## Global Ocean Observing System (GOOS) National Focal Point

Name: Keith Lennon

Position: Director, Ocean Sciences

Institution: Fisheries and Oceans Canada

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Postal Address: 200 Kent Street, Ottawa, ON, K1A0E6

### Additional comments:

Nomination Submitted by: Arran McPherson

Signature:

APR 19 2023

Position: Assistant Deputy Minister, Ecosystems and Oceans Science

Government Department/Agency: Fisheries and Oceans Canada

Date:

Nomination Forms duly completed and signed should be sent by 22 March 2023 to the IOC Secretariat by email to [goos@unesco.org](mailto:goos@unesco.org) through one of the following channels:

1. The coordinating body for liaison with the IOC
2. Head of UNESCO National Commission
3. Permanent Delegate to UNESCO

Note: any questions can be addressed to the Acting Head of the Ocean Observation and Services Section, Dr Emma Heslop ([e.heslop@unesco.org](mailto:e.heslop@unesco.org)), with copy to Ms Forest Collins ([f.collins@unesco.org](mailto:f.collins@unesco.org)) and Dr Ramasamy Venkatesan ([r.venkatesan@unesco.org](mailto:r.venkatesan@unesco.org)).

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*Global Ocean Observing System (GOOS),  
Joint IOC-WMO Technical Commission for Oceanography and Marine Meteorology (JCOMM),  
Global Sea Level Observing System (GLOSS),  
Argo, Ship Observations Team (SOT), and Data Buoy Cooperation Panel (DBCP)*

National Contact Points

**NOMINATION FORM**<sup>1</sup>

**Name of Member State:**

**Summary of the responsibilities of the National Contact Points:**

**GOOS National Contact point:** The person designated by a Member State to promote the work of GOOS and GOOS Regional Alliances at the national level by promoting GOOS' plans and documents where relevant, publicizing opportunities for engagement with GOOS structures and activities, including its panels, the JCOMM Observations Coordination Group, GOOS Regional Alliances, and GOOS Projects, and advocating for national ocean observing systems activities that contribute to GOOS; Promote regionally and nationally coordinated strategies and implementation for a sustained ocean observing system delivering the needed information to users, including suggesting pilot projects; Ensure that national needs and gaps related to sustained ocean observing systems are brought to the attention of the GOOS Programme; and to supply information to IOC on ocean observing capacity development needs in the context of the IOC Capacity Development strategy and plan.

GOOS National Contact Point Terms of Reference: <http://ioc-unesco.org/goos-ncp-tor>

**JCOMM National Contact Point for IOC:** The person designated by a Member State to promote the work of JCOMM at the national level where relevant by publicizing JCOMM's normative work on guides, standards and best practices, in the areas of observations, data management, services and forecast systems; monitoring the engagement of national observing networks with the JCOMM Observations Coordination Group, encouraging provision of data in real time, and the registry of all platforms with the JCOMM Observing Programme Support Centre (JCOMMOPS); highlighting opportunities at a national level to engage with the work of JCOMM and the programmes of IOC and WMO; reporting to IOC on the status of national activities that contribute to JCOMM; help to identify potential improved engagement at the national level; ensuring that national needs for JCOMM observing networks, real-time data systems, and forecast and early warning systems are brought to the full attention of the JCOMM programme; and to supply information to IOC on capacity development needs in the context of the IOC Capacity Development strategy and plan; coordinating with the National Meteorological Hydrological Service, including any relevant METAREA Co-ordinators and the JCOMM Member(s) appointed by WMO to provide input for JCOMM. An annual meeting of the national Met-Ocean community is encouraged, with input provided to the Co-Presidents of JCOMM.

JCOMM National Contact Point for IOC Terms of Reference: <http://ioc-unesco.org/jcomm-ncp-tor>

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<sup>1</sup> Updated May 2017, available in English only

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**GLOSS National Contact Point:** The person designated by a Member State to promote GLOSS Implementation Plan at National Level and provide national coordination; distribute GLOSS documentation and publications to the national institutions and persons concerned; ensure that national needs for GLOSS data, products, scientific and technical advice are brought to the attention of the GLOSS programme; supply information to IOC on training needs; organise regular reviews of the national GLOSS stations through appropriate channels to ensure that their operation is in accordance with GLOSS requirements; ensure data flow from national tide gauges and GNSS receivers to GLOSS data centres in accordance with IOC Oceanographic Data Exchange Policy; report to IOC on the status of national stations that contribute to GLOSS, help to identify potential solutions for stations with poor or no data return; publicise GLOSS and sea-level studies in general.  
GLOSS Terms of Reference: [http://www.ioc-unesco.org/GLOSS\\_TORs](http://www.ioc-unesco.org/GLOSS_TORs)

**Argo National Contact Point:** The person designated by a Member State to receive the following information from the Argo Information Centre: type and number of floats to be deployed; dates and geo-coordinates of locations where floats are to be deployed in the high seas; contact information of the governmental, non-governmental or private entity responsible for Argo Programme floats deployed in the high seas; parameters and variables to be collected by sensors; other information that the governmental, non-governmental or private entity responsible for Argo Programme floats deployed in the high seas might consider of interest.  
Argo Terms of reference: [jcomm.info/Argo\\_ToRs](http://jcomm.info/Argo_ToRs)

**SOT National Focal Point:** is the main national contact for responsibilities focused on observations from voluntary commercial ships whose terms of reference can be found at [jcomm.info/SOT\\_ToRs](http://jcomm.info/SOT_ToRs) Note that this list of Focal Points can be appointed through WMO or through IOC.

**DBCP National Focal Point:** is the main national contact for responsibilities focused on observations from surface drifters and moorings, whose terms of reference can be found at [jcomm.info/DBCP\\_ToRs](http://jcomm.info/DBCP_ToRs). Note that this list of Focal Points can be appointed through WMO or through IOC.

There is overlap in the functions of the GOOS and the JCOMM National Contact Points. Therefore, depending on the structure of your country's organizations related to the activities of GOOS and JCOMM, you may appoint the same contact point for GOOS and JCOMM, or you may wish to have a GOOS National Contact Point focused on observing networks and a JCOMM National Contact Point for IOC focused on operational ocean services and forecast systems including real-time data systems. Should you wish to appoint alternates, please add their information below each national contact point.

**1. Global Ocean Observing Systems National Contact Point (GOOS)**

Name: Keith Lennon

Position: Director, Ocean Sciences

Institution [repeat for all]: Fisheries and Oceans Canada

Telephone Number: 613 990-0097

Email address: Keith.Lennon@dfo-mpo.gc.ca

Postal Address: 200 Kent street, Ottawa Ontario Canada K1A 0E6

**2. JCOMM National Contact Point (for IOC)**

Name: Keith Lennon

Position: Director, Ocean Sciences

Telephone Number: 613 990-0097

Email address: Keith.Lennon@dfo-mpo.gc.ca

Postal Address: 613 990-0097

**3. Argo National Focal Point**

Name: Dr. Blair Greenan

Position: Head, Ocean Stressors and Arctic Science Section

Telephone Number: 902-426-9963

Email address: Blair.Greenan@dfo-mpo.gc.ca

Postal Address: 1 Challenger Drive Dartmouth, Nova Scotia Canada Room VS-308K

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**4. Global Sea Level Observing System (GLOSS) National Contact Point**

Name: Phillip MacAulay

Position: Physical Scientist, Canadian Hydrographic Service (Atlantic)

Telephone Number: (902) 426-5017

Email address: Phillip.MacAulay@dfo-mpo.gc.ca

Postal Address: 1 Challenger Drive Dartmouth, Nova Scotia Canada Room VS-308K

**5. Ship Observation Team (SOT) National Contact Point**

Name: Laura Medeiros

Position: Marine Networks Manager

Telephone Number: 416-739-4707

Email address: Laura.medeiros@canada.ca

Postal Address: 4905 Dufferin St, 1st Floor, Office 1S209, Toronto, Ontario M3H 5T4 Canada

**6. Data Buoy Cooperation Panel (DBCP) National Contact Point**

Name: Laura Medeiros

Position: Marine Networks Manager

Telephone Number: 416-739-4707

Email address: Laura.medeiros@canada.ca

Postal address: 4905 Dufferin St, 1st Floor, Office 1S209, Toronto, Ontario M3H 5T4  
Canada

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**Comments regarding any of the contacts above:**

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Nominations Submitted by: Arran McPherson

Signature:

Position: Assistant Deputy Minister,  
Ecosystems and Oceans Sciences

Government Department/Agency: Fisheries and Oceans Canada

Date: Nov. 21, 2017

Nomination Forms duly completed and signed should be sent by 16 June 2017 at the latest to the IOC Secretariat (scan to [oot@unesco.org](mailto:oot@unesco.org)) through one of the following channels:

1. The coordinating body for liaison with the IOC
2. Head of UNESCO National Commission
3. Permanent Delegate to UNESCO

Any enquiries can be addressed to the Head of the Ocean Observation and Services Section, Dr Albert Fischer at: [a.fischer@unesco.org](mailto:a.fischer@unesco.org) (with copy to Forest Collins [f.collins@unesco.org](mailto:f.collins@unesco.org))