

**WMO OMM**

World Meteorological Organization  
Organisation météorologique mondiale  
Organización Meteorológica Mundial  
Всемирная метеорологическая организация  
المنظمة العالمية للأرصاد الجوية  
世界气象组织

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Ref.: 13517/2021-1.6 MS/RAP

Our ref.: 13517/2021/MS/RAP

16 June 2021

Annexes: 2 (available in English only)

Subject: Nominate or update National Focal Points for Regional WIGOS Centres

Action required: To nominate or update National Focal Points on WIGOS, OSCAR/Surface, and WDQMS by **21 June 2021**

Dear Sir/Madam,

I would like to draw your attention to [Resolution 37 \(Cg-18\)](#) – The WMO Integrated Global Observing System (WIGOS) transition to operational status commencing in 2020, [Decision 30 \(EC-69\)](#) – Guidance on Establishing Regional WIGOS Centres (RWCs) in Pilot Phase, and to the successful operation of RWCs in pilot phase in Regional Association II (Asia) (RA II) by China and Japan since 2018.

To prepare RA II members to work with RA II RWCs in advancing the operation of WIGOS, an online Workshop on RWC Functions and Tools will be organized for National Focal Points (NFPs) on Observing Systems Capability Analysis and the Review tool, or OSCAR/Surface, and NFPs on WIGOS Data Quality Monitoring System (WDQMS), tentatively scheduled from 5 to 9, and 12 July 2021. The objectives of the Workshop are to help improve the availability and quality of observations, and to provide regional coordination, technical guidance, assistance and advice to Members and Regional Associations. The detailed arrangements for the Workshop will be communicated to the NFPs who have not recently received training, in due course.

To facilitate preparations for the Workshop you are kindly requested to either nominate or send updated RWC-related NFPs to the WMO Secretariat. Please forward your response to Mr Luis Nunes, WIGOS Scientific Officer ([Ifnunes@wmo.int](mailto:Ifnunes@wmo.int)) and copy Mr Jun Yu, Regional Officer of the Regional Office for Asia and the South-West Pacific ([jyu@wmo.int](mailto:jyu@wmo.int)), at your earliest convenience, but not later than **21 June 2021**.

A list of current NFPs ([Annex 1](#)) and Terms of Reference ([Annex 2](#)) are attached for your information.

To: Permanent Representatives of Members of Regional Association II (Asia) (limited distribution)

cc: Hydrological Advisers

I wish to take this opportunity to express my appreciation for your continued support to the WMO activities.

Yours faithfully,

A handwritten signature in black ink, consisting of a long horizontal stroke followed by a smaller, more complex flourish below it.

Prof. Petteri Taalas  
Secretary-General

## List of National Focal Points (NFP) on WIGOS, OSCAR/Surface, and WDQMS in RA II

Ref.: 13517/2021-16 MS/RAP

Member	NFP on WIGOS	NFP on OSCAR/Surface	NFP on WDQMS
<b>Afghanistan</b>			
<b>Bahrain</b>		Mohamed Hasan Sharaf	
<b>Bangladesh</b>		Abdul MATIN	
<b>Bhutan</b>			Pema SYLDON
<b>Cambodia</b>			
<b>China</b>	Chong PEI / Changxing LI	SHI Lijuan	Xiaowu YANG
<b>Democratic People's Republic of Korea</b>			
<b>Hong Kong, China</b>	LEE, Shuk-ming Olivia	YEUNG, Hon-yin (Linus)	LEE, Shuk-ming Olivia
<b>India</b>		Sankar NATH	Karunakar Reddy Yeredla
<b>Iran, Islamic Republic of</b>	Mostafa IZADFAR	Hesam SAJDEH	
<b>Iraq</b>		Abdulqaleq Ali ALI	
<b>Japan</b>	Yoshiaki HIRANO	Yoshihiko Tahara	NOMURA, Yukihiro
<b>Kazakhstan</b>	Saylybayev BAKHYTZHAN		Daniyar Yerdenov
<b>Kuwait</b>	Nasser Talalx AL FADHLI / Fahad ALNAJADAH	Mohamed Khalil Al-Safar	
<b>Kyrgyzstan</b>		Kanymbiubiu JAKYPOVA	
<b>Lao People's Democratic Republic</b>	Singthong PATHOUMMADY		
<b>Macao, China</b>		CHANG, Sau Wa, Crystal	CHANG, Sau Wa, Crystal
<b>Maldives</b>		Ali SHAREEF	Ali SHAREEF
<b>Mongolia</b>		Amgalan Ganbat	
<b>Myanmar</b>			Htay LWIN
<b>Nepal</b>		Sunnu Maharjan	Sunnu Maharjan
<b>Oman</b>	Majid Omar AL HAKMANI	Sulaiman Yousuf AL SALMI	
<b>Pakistan</b>		Shahid ABBAS	
<b>Qatar</b>		Mohamedd Jabir M A AL MARRI	

Member	NFP on WIGOS	NFP on OSCAR/Surface	NFP on WDQMS
Republic of Korea	Namsan CHO	Namsan CHO	Kwangwoo JUNG
Russian Federation		VJAZILOV, Evgeny	
Saudi Arabia			Mohammed A. BABIDHAN
Sri Lanka			
Tajikistan		Mukhiddin YAKUBOV	
Thailand	Sangwaldech Prasarn	Bundan SUBCHAROEN	Sangwaldech Prasarn
Turkmenistan			
United Arab Emirates	Mohamed Abdulla AL ABRI	Mohamed Abdulla AL ABRI	
Uzbekistan	HK VALIEV / Bakhtier MAKHMUDOV	Sletlana KHAYDAROVA	
Viet Nam			
Yemen			

**Terms of Reference of Regional WIGOS Centre (RWC)  
related National Focal Points (NFP)**

**National Focal Points on WIGOS shall:**

- (a) Take, on behalf of their respective Permanent Representative, the lead in communications on WIGOS with the WMO Secretariat (WIGOS Project Office and WMO Regional Office) and the WIGOS-related constituent bodies of the respective Region;
- (b) Monitor and report on the status of the national WIGOS implementation, taking into account guidance from ICG-WIGOS and the WIGOS Project Office of the WMO Secretariat;
- (c) Report to the WIGOS Project Office on issues and challenges that might impact the implementation of WIGOS in the country and seek its advice;
- (d) Identify and follow-up on WIGOS-related training and capacity development needs;
- (e) Participate in relevant WMO meetings in the capacity of a national "Rapporteur", as required.

**National Focal Points on OSCAR/Surface:**

- (a) Liaise with the National WIGOS FP in the country/territory to ensure that all the operators of the relevant observing systems in the country/territory are aware of OSCAR and ready to make the required metadata routinely available to OSCAR;
- (b) Coordinate a user account creation in OSCAR for the people accredited, to manage within OSCAR the relevant metadata from the country/territory;
- (c) Promulgate the WMO Technical Regulations relevant to OSCAR, as well as the guidance and training materials for an adequate use of OSCAR;
- (d) Make all efforts to ensure that all accredited users of OSCAR are well trained to make the right use of the editing tools available in OSCAR;
- (e) Promote, in collaboration with the WMO Secretariat and in compliance with the required standards, the use of automatic, or semi-automatic, machine-to-machine transfer of information for insertion/updates of metadata within OSCAR, from the relevant observing systems of the Member country/territory;
- (f) Work closely with the established Regional WIGOS Centre (RWC) of the region/sub-region;
- (g) Upon request, provide the Secretariat and the RWC with an overview of the country/territory WIGOS metadata status in OSCAR;
- (h) Take, without any delay, actions in order to correct any erroneous and/or missing metadata identified in OSCAR, regarding the Member country/territory observing systems;
- (i) Collaborate with the relevant WMO working bodies and the Secretariat to perform the critical review and gap analysis at national and regional levels, using the OSCAR/Analysis tool.

**National Focal Points on WDQMS will:**

1. Liaise with the OSCAR/Surface NFP in the country/territory to ensure that metadata from all stations exchanging data internationally are available and updated in OSCAR/Surface;
2. Provide timely answers to all queries and tickets sent by the respective RWC related to issues and incidents with observations from the country/territory;
3. Initiate and coordinate actions that need to be performed at a national level, related to issues and incidents with observations from the country/territory, in order to solve them as quickly as possible;
4. Promulgate nationally the WDQMS related practices and procedures specified in the WMO technical regulations, with support of any related guidance and training material;
5. Follow all the procedures agreed at a regional/sub-regional level in the context of the respective RWC;
6. Liaise with other relevant WMO Regional Centres of the Region, particularly with Regional Instrument Centres and Regional Training Centres, as appropriate to find sustainable solutions for the issues and incidents identified by the WDQMS.

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