

WMO OMM

WEATHER CLIMATE WATER
TEMPS CLIMAT EAU



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

Secrétariat

7 bis, avenue de la Paix – Case postale 2300
CH 1211 Genève 2 – Suisse
Tél.: +41 (0) 22 730 81 11
Fax: +41 (0) 22 730 81 81
wmo@wmo.int – public.wmo.int

Ref.: 21808/2019.1.7 CER

Our ref.: 21808/2019/CER/Hydrological-Adviser

15 August 2019

Annex: 1 (available in English only)

Subject: Appointment of Hydrological Adviser to Member

Action required: Reconfirm or Appoint Hydrological Adviser by **31 December 2019**

Dear Sir/Madam,

I have the honour to advise you that the recently concluded Eighteenth World Meteorological Congress (Cg-18) adopted [Resolution 24 \(Cg-18\) - Vision, Strategy and Organizational Arrangements for Hydrological and Water Resources in WMO](#), in which it was decided to amend Regulation 6(b) of the General Regulations. This amendment was subsequently confirmed by Congress' adoption of [Resolution 75 \(Cg-18\) - Amendments to the General Regulations of the World Meteorological Organization](#). Regulation 6(b) had been amended as follows:

Each Member shall appoint, in consultation with the Permanent Representative, a Hydrological Adviser who preferably should be the Director of the respective National Hydrological Service or other national hydrological agency. The Member shall notify the Secretary-General of such appointment. The Hydrological Adviser should be consulted by and advise the Permanent Representative with respect to operational hydrology and its application to water management.

In this respect, and in accordance with the provisions outlined above, I wish to invite you to re-confirm or appoint a Hydrological Adviser from your Government, to ensure the Secretariat records are complete and up-to-date. For ease of reference, a list of the current Hydrological Advisers recorded in the Secretariat's database is attached for your attention and updating, as appropriate.

I look forward to receiving your response at the earliest opportunity and no later than **31 December 2019**, to ensure compliance with the amended Regulation 6(b) of the General Regulations.

Any queries regarding the re-confirmation or appointment process may be sent to hydro@wmo.int.

A copy of this letter is being sent to the President of WMO, Permanent Representatives of your country with the World Meteorological Organization, Permanent Missions of your country in Geneva and the Chair of the Hydrology Assembly.

Accept, Sir/Madam the assurances of my highest consideration.

for (P. Taalas)
Secretary-General

To: Ministers of Foreign Affairs of Member States of the World Meteorological Organization

WMO Hydrological Advisers as at 15 August 2019

WMO Member	Hydrological Adviser	Position	Agency
Afghanistan			
Albania	Mr Klodian ZAIMI		Institute of GeoSciences, Energy, Water and Environment
Algeria			
Andorra			
Angola			
Antigua and Barbuda	Mr Ian LEWIS		Antigua and Barbuda Public Utilities Authority
Argentina	Eng. Mariano RE	Investigador - Laboratorio de Hidraulica Computacional	Instituto Nacional del Agua (INA)
Armenia	Mr Levon AZIZYAN	Deputy Director	Armstatehydromet
Australia	Dr Dasarath JAYASURIYA	Group Executive - National Forecast Services Group	Bureau of Meteorology
Austria	Eng. Reinhold GODINA	Chief	Abteilung Wasserhaushalt (Hydrographisches Zentralbüro)
Azerbaijan	Mr Asif Verdiyev	Chief hydrologist	National Hydrometeorological Department
Bahamas	Mr John A. A. BOWLEG	Engineer/Hydrologist - Water Resources Management Unit (WRMU)	Department of Meteorology
Bahrain	Dr Waleed Khalil ZUBARI		Bahrain Meteorological Service
Bangladesh	Mr Md. Saiful HOSSAIN	Superintending Engineer - Processing & Flood Forecasting Circle	Bangladesh Water Development Board
Barbados	Dr John B. MWANSA		Barbados Water Authority
Belarus	Mr Anatoly Ivanovitch POLISHCHUK	Chief of the Republican Hydrometcentre	Department of Hydrometeorology
Belgium	Mr Emmanuel ROULIN		Institut royal météorologique
Belize			
Benin	Mr Aurélien TOSSA		Agence Nationale de la Météorologie (METEO BENIN)
Bhutan			
Bolivia, Plurinational State of	Mr Luis NORIEGA FLORES		Servicio Nacional de Meteorología e Hidrología (SENAMHI)
Bosnia and Herzegovina	Mr Nino RIMAC		Meteorological Institute
Botswana	Mr Kalaote KALAOTE	Director	Department of Water Affairs
Brazil	Mr Marcelo Jorge MEDEIROS	Superintendent of Hydrometeorological Network Management Specialist in Water Resources	Agência Nacional de Águas (ANA)
British Caribbean Territories	Dr David FARRELL	Principal	Caribbean Institute for Meteorology and Hydrology
Brunei Darussalam			
Bulgaria	Prof. Plamen NINOV	Deputy Director	National Institute of Meteorology and Hydrology
Burkina Faso	Mr Lokou Pascal NAKHOUN		Direction de l'Inventaire des Ressources hydrauliques
Burundi	Mr Gérard NTUNGUMBURANYE	Chef du Service Hydrologie	Institut Géographique du Burundi (IGEBU)
Cabo Verde	Mr Hércules VIEIRA		
Cambodia			
Cameroon	Dr Jean-Claude NTONGA	Chargé de Recherches	Centre de Recherche Hydrologique
Canada	Dr Alain PIETRONIRO	National Manager, Network Strategies Division	Meteorological Service of Canada (MSC)
Central African Republic			
Chad	Mr Nassour SALEH TERDA	Directeur des Ressources en eau	L'Agence Nationale de la Météorologie-Tchad
Chile	Mr Luis MORENO RUBIO	Jefe - División de Hidrología	Dirección General de Aguas
China	Mr Jian DENG	Director General of Bureau of Hydrology	Ministry of Water Resources of China
Colombia	Mr Nelson Omar VARGAS		Instituto de Hidrología, Meteorología y Estudios Ambientales - IDEAM
Comoros	Mr Farid HASSANE	Chef du service hydrométéorologie	Direction de la météorologie, Agence nationale de l'Aviation Civile et de la météorologie (ANACM), Comores
Congo	Mr Jean Bienvenu DINGA	Directeur scientifique du GRSEN	Délégation générale à la recherche scientifique et technologique (DGRST)
Cook Islands			
Costa Rica	Eng. José Alberto ZÚÑIGA MORA	Director - C.S. Estudios Básicos de Ingeniería	Instituto Costarricense de Electricidad (ICE)
Côte d'Ivoire	Mr Diakaria KONE	Directeur des Ressources en Eau	Office National de l'Eau Potable (Côte d'Ivoire) (ONEP)
Croatia	Ms Gordana BUŠELIĆ	Head of Hydrological Department	
Cuba	Dr Eduardo PLANOS Gutiérrez		Instituto de Meteorología de Cuba
Curaçao and Sint Maarten	Eng. Martha H. PINEDO-MEDINA		Meteorological Department, Ministry of Traffic, Transport and Urban Planning
Cyprus	Ms Marilena PANARETOU		Water Development Department
Czech Republic	Dr Jan DANHELKA	Deputy-Director	Czech Hydrometeorological Institute (CHMI)
Democratic People's Republic of Korea			
Democratic Republic of the Congo	Mr Rypin NGOMPER ALUNGA	Directeur général	Régie de Voies Fluviales (RVF)
Denmark	Mr Kim SARUP	Coordinator	Danish Meteorological Institute
Djibouti			
Dominica	Dr Anderson WARD		Caribbean Institute for Meteorology and Hydrology
Dominican Republic	Lic. José M. PLÁCIDO CABRERA	Sub-Director Nacional	Oficina Nacional de Meteorología
Ecuador	Eng. Fernando GARCÍA	Director de Gestión Hidrológica	Instituto Nacional de Meteorología e Hidrología (INAMHI)

WMO Hydrological Advisers as at 15 August 2019

WMO Member	Hydrological Adviser	Position	Agency
Egypt	Eng. Ahmed Bahaa Eldin MOHAMED		Ministry Of Water Resources And Irrigation
El Salvador	Eng. Roberto CERÓN	Gerente de Hidrología - Dirección General del Observatorio Ambiental	MARN
Eritrea	Mr Asmelash Dawit ANDEBERHAN	Head of Hydrometeorology Services	Eritrean Civil Aviation Authority
Estonia	Ms Jana POLDNURK	Head of Hydrology Department	
Eswatini			
Ethiopia	Mr Lulseged TADESSE	Head, Hydrological Department	Ministry of Water Resources
Fiji			
Finland	Ms Johanna KORHONEN	Head of the Hydrological Monitoring & Assessment Unit	Finnish Meteorological Institute
France	Mr Joël HOFFMAN	Directeur adjoint du Schapi	Ministère de la Transition écologique et solidaire
French Polynesia	Mr Gérard TERRY	Directeur Interrégional	Météo-France en Polynésie française
Gabon	Mr Jean ONDO EVOUNG	Directeur de la Gestion des Ressources Hydrauliques	Department of Meteorology, Ministère du Pétrole, de l'Energie et des Ressources Hydrauliques
Gambia	Mr Landing BOJANG	Senior Hydrologist	Department of Water Resources
Georgia	Mr Irakli MEGRELIDZE		National Hydrometeorological Service
Germany	Mr Harald KÖTHE	Director of International Centre for Water Resources and Global Change	Federal Institute of Hydrology (BfG)
Ghana	Mr Hubert OSEI-WUSUANSAN		Ghana Meteorological Agency
Greece	Dr Nikos MAMASIS		Hellenic National Meteorological Service (HNMS)
Guatemala	Eng. José Saturnino ORDOÑEZ		Instituto Nacional de Sismología, Vulcanología, Meteorología e Hidrología (INSIVUMEH)
Guinea	Mr Mandiou CONDE		Ministère de l'Energie et de l'Hydraulique
Guinea-Bissau	Mr Francisco José VASCONCELOS		Instituto Nacional dos Recursos Hídricos
Guyana	Ms Vidayshree MISIR		Hydrometeorological Service
Haiti	Mr Jean Thomas FERDINAND	Directeur	Service National des Ressources en Eau
Honduras	Eng. Estéfana Michelle VELÁSQUEZ LÓPEZ		
Hong Kong, China	Dr LEE, Tsz cheung		Hong Kong Observatory
Hungary	Mr András CSIK	Head of Hungarian Hydrological Forecasting Service	General Directorate of Water Management
Iceland	Dr Jörunn HARDARDÓTTIR	Director of Division of Processing and Research	Icelandic Met Office
India	Mr Shri N.K. MATHUR	Member (D&R)	Central Water Commission (CWC)
Indonesia	Dr Eko Winar Irianto		Research Centre for Water Resources, PUSAIR
Iran, Islamic Republic of	Mr Rahim MEIDANI		Ministry of Energy of Iran
Iraq	Mr Hussain Ali FAHAD		Iraqi Meteorological Organization & Seismology
Ireland	Mr Oliver NICHOLSON		Hydrology and Coastal Section
Israel			
Italy	Eng. Angela CORINA	Expert engineer	Presidenza del Consiglio dei Ministri National Civil protection Department
Jamaica	Mr Peter CLARKE	Managing Director	Water Resources Authority
Japan	Mr Kunihiro YAMADA	Director-General	Japan Meteorological Agency (JMA)
Jordan	Hydrological Adviser of Jordan,		Jordan Meteorological Department
Kazakhstan	Mr Zhanibekuly DIDAR	Director of Hydrology Department	Kazhydromet
Kenya	Mr Daniel Tongi MOGUSU	Senior Principal Superintending Hydrologist	Kenya Meteorological Department
Kiribati			
Kuwait	Mr Osama M. ALMETHEN		Directorate General of Civil Aviation
Kyrgyzstan	Ms Gulnara JUNUSHOVA		Agency of Hydrometeorology under the Ministry of Emergency Situations of the Kyrgyz Republic-Kyrgyzhydromet
Lao People's Democratic Republic	Mr Bounseuk INTHAPATHA	Head of Hydrological Division	The Department of Meteorology and Hydrology (DMH)
Latvia	Ms Tatjana KOLCOVA		Latvian Environment, Geology and Meteorology Centre (LEGMC)
Lebanon	Mr Selim CATAFAGO		Service météorologique
Lesotho	Mr Motoho MASEATILE	Director of DWA	Lesotho Meteorological Services
Liberia	Mr Anthony D. KPADEH	Director and Hydrological Advisor	
Libya (State of)	Mr Omar M. SALEM	Director	General Water Authority
Lithuania	Mr Juozas SIMKUS		Lithuanian Hydrometeorological Service
Luxembourg			
Macao, China			
Madagascar	Mr Herinjanahary RALAIARINORO	Chef du Service de l'Hydrologie	Direction Générale de la Météorologie
Malawi	Mr P. KALUWA	Chief Hydrologist	Ministry of Water Department
Malaysia	Dr Asnor Muizan ISHAK	Senior Principal Assistant Director	Water Resources Management and Hydrology Division
Maldives			

WMO Hydrological Advisers as at 15 August 2019

WMO Member	Hydrological Adviser	Position	Agency
Mali	Mr Mama YENA		Direction nationale de l'Hydraulique et de l'Energie
Malta	Mr A. RIOLO	Chief Executive	Malta Resources Authority
Mauritania	Dr Djibril SARR	Conseiller Hydrologue	Service de météorologie
Mauritius	Mr L. JUGGOO	Deputy Director	Mauritius Meteorological Service
Mexico	Dr Francisco Javier APARICIO MIJARES		Comisión Nacional del Agua (CONAGUA) México
Micronesia, Federated States of	Mr Robert M. HADLEY		FSM Weather Station - Chuuk
Monaco			
Mongolia	Mr Khalzan PUREVDAGVA	Director	National Agency for Meteorology and Environmental Monitoring (NAMEM)
Montenegro	Ms Biljana KILBARDA	Assistant Director	Institute of Hydrometeorology and Seismology of Montenegro
Morocco	Mr Abdelhamid BENABDELFADEL	Chef du Service Gestion de l'Eau	Direction de la Recherche et de la Planification de l'Eau
Mozambique	Mr Messias MACIE	Director	Organization for Mozambique Hydrological Service
Myanmar			
Namibia			
Nauru			
Nepal			
Netherlands	Dr Roeland ALLEWIJN	Director for Water and Use	Directorate-General for Water Management
New Caledonia	Mr Geoffroy WOTLING	Chef de Service	Direction des Affaires Vétérinaires, Alimentaires et Rurales (DAVAR)
New Zealand	Mr Charles PEARSON	Regional Manager	The National Institute of Water and Atmospheric Research (NIWA) - Wellington
Nicaragua	Eng. Isaías MONTOYA BLANCO	Director Técnico de la Direccion de Recursos Hídricos	Instituto Nicaragüense de Estudios Territoriales (INETER)
Niger	Mr Daouda ABDOURHAMANE		Ministère de l'Hydraulique, de l'Environnement et de la Lutte contre la Désertification
Nigeria	Eng. Clement Onyeaso NZE	Director General/CEO	
Niue	Mr Andre SIOHANE	Director General for Ministry of Infrastructure	Niue Meteorological Service
North Macedonia	Mr Vasko STOJOV	Head of the Hydrology Department	Hydrometeorological Service
Norway	Mr Morten JOHNSRUD	Director, Hydrology Department	Norwegian Water Resources and Energy Directorate (NVE)
Oman			
Pakistan			
Panama	Eng. Diego GONZÁLEZ J.		Gerencia de Hidrometeorología, Empresa de Transmisión Eléctrica, S.A.
Papua New Guinea	Mr Maino VIROBO	Director	Conservation & Environment Protection Authority
Paraguay	Lic. Nelson PÉREZ	Sub Director de Hidrología	División de Meteorología e Hidrología
Peru	Mr Waldo LAVADO CASIMIRO	Subdirector de Estudios e Investigaciones Hidrológicas	Servicio Nacional de Meteorología e Hidrología (SENAMHI) Peru
Philippines	Eng. Maximo F. PERALTA		National Water Resources Board (NWRB)
Poland	Dr Tamara TOKARCZYK	Associate Professor	Institute of Meteorology and Water Management (IMGW)
Portugal			
Qatar			
Republic of Korea	Mr Jaeheyon PARK	Director General - Water Resources Policy Bureau	Ministry of Land, Infrastructure and Transport
Republic of Moldova	Mr Valeriu CAZAC	Chief of Hydrology Department	State Hydrometeorological Service
Romania	Dr Marius MATREATA	Director of Hydrological Forecasting	National Institute of Hydrology and Water Management
Russian Federation			
Rwanda	Mr François Xavier TETERO	Head of Water Resources Management Department	Rwanda Water and Forestry Authority
Saint Lucia			
Samoa			
Sao Tome and Principe	Mr Argentino DA COSTA VANGENTE		Direction des Ressources naturelles et de l'énergie
Saudi Arabia	Dr Mohammed J. ABDUL-RAZZAK		
Senegal	Mr Niokhor NDOUR		Agence nationale de l'Aviation Civile et de la Météorologie (ANACIM)
Serbia	Mr Slavimir STEVANOVIC	Assistant Director	Republic Hydrometeorological Service of Serbia
Seychelles	Ms Vicky BELOUIS		Department of Risk and Disaster Management-Republic of Seychelles
Sierra Leone	Mr Mohamed JUANAH	Director of Hydrological Services	Ministry of Water Resources-Sierra Leone
Singapore			
Slovakia	Dr Jana POÓROVÁ	Director, Hydrological Service Division	Slovak Hydrometeorological Institute
Slovenia	Ms Mira KOBOLD		Environmental Agency of the Republic of Slovenia
Solomon Islands	Mr Charlie BEPAPA		Ministry of Mines and Energy
Somalia	Mr Abdulkadir Moallim Abdi GURE		Ministry of Energy and Water Resources
South Africa	Mr Lokhauwa Zacharia MASWUMA	Director Hydrology	Department of Water Affairs and Forestry
South Sudan	Mr Simon Otoung Awijak KODING		
Spain	Mr Fernando PASTOR ARGÜELLO	Jefe de Área de Coordinación Exterior	Dirección General del Agua
Sri Lanka	Eng. U. Sarath WIJESSEKARA		Department of Irrigation

WMO Hydrological Advisers as at 15 August 2019

WMO Member	Hydrological Adviser	Position	Agency
Sudan	Eng. Hassab Enabi Musa MOHAMED	Director-General	Ministry of Water Resources & Electricity, Nile Water Affairs and Dams Directorate
Suriname			
Sweden	Ms Cristina ALIONTE EKLUND	Head of Sector, Capacity Development and International Hydrology	Swedish Meteorological and Hydrological Institute (SMHI)
Switzerland	Dr Karine SIEGWART	Vice Director	Federal Office for the Environment (FOEN)
Syrian Arab Republic	Mr Jamal JAMALEDDIN		Ministry of Irrigation
Tajikistan			
Thailand	Mr Porrames AMATAYAKUL		Thai Meteorological Department
Timor-Leste			
Togo	Mr Kossi HODIN		Direction générale de la météorologie nationale
Tonga	Mr Taaniela KULA	Deputy Secretary for Natural Resources	Ministry Land and Natural Resources
Trinidad and Tobago	Mr Keith MEADE	Senior Manager	Water Resources Agency
Tunisia	Mr Abderrahmane OUASLI	Directeur du suivi de la gestion du système hydrologique et de la gestion des crises	Ministère de L'Agriculture, des ressources hydrauliques et de la pêche (Tunisie)
Turkey	Mr Veysel YILDIZ	Head of International Hydrological Activities Section	General Directorate of State Hydraulic Works (DSI)
Turkmenistan			
Tuvalu			
Uganda	Mr Nebert WOBUSOBOZI	Assistant Commissioner, Department of Water Resource Management	Directorate for Water Development
Ukraine	Dr Vyacheslav A. MANUKALO	Deputy Director	Ukrainian Hydrometeorological Institute
United Arab Emirates	Lt. Col. Abdulla H. Ali AL MANGOOSH		National Center of Meteorology (NCM)
United Kingdom of Great Britain and Northern Ireland	Prof. Alan JENKINS	Chairperson	UK Committee for National and International Hydrology
United Republic of Tanzania	Dr George Venance LUGOMELA	Assistant Director, Water Resources	Ministry of Water and Irrigation
United States of America	Dr Donald W. CLINE	Associate Director Water U.S. Geological Survey	US Geological Survey (USGS)
Uruguay	Eng. Silvana ALCOZ	Directora División Cuencas y Acuíferos	Dirección Nacional de Aguas
Uzbekistan	Dr Sergey V. MYAGKOV	Deputy Director of Uzhhydromet NIGMI	Research Hydrometeorological Institute (NIGMI)
Vanuatu			
Venezuela, Bolivarian Republic of	Eng. Marielba GUILLÉN ORELLANA	Gerente de Coordinación Regional	Instituto Nacional de Meteorología e Hidrología (INAMEH)
Viet Nam			
Yemen			
Zambia	Mr Kenneth NYUNDU	Director of Water Resources Development Department	Water Affairs Department
Zimbabwe	Mr Gilbert MAWERE	Chief Hydrologist	Division of Hydrological Services