

**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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Our ref.: 17657/2022/S/CS/GCF

29 July 2022

Annexes.: 2

Subject: Invitation to the First WMO-GCF Global Forum on Climate Science Information, 27-29 September 2022 (virtual)

Dear Sir/Madam,

I am pleased to inform you that the World Meteorological Organization (WMO) and the Green Climate Fund (GCF) will host the **First Global Forum on Climate Science Information** with a focus on Data, Tools and Methods, in a virtual format, from 27 to 29 September 2022.

WMO and GCF are partnering to provide the global community with access to new climate information, tools, and guidance to develop the scientific basis for climate action decisions. Access to these products will help countries to identify and select the most effective climate actions to overcome the challenges of climate change, contributing to country-level decision-making and mobilization of climate finance.

The First Global Forum on Climate Science Information – Data, Tools and Methods - will be organized to gather international, regional, national and sectoral expert users of climate science information to discuss the climate information required for adaptation and resilience projects, to evaluate and promote guidance on its use, to identify gaps, and to promote and coordinate authoritative information.

This Forum will address the following objectives:

- To present the WMO-GCF climate science information methods and tools and lessons learned during the pilot phase of the WMO-GCF Climate Science Information for Climate Action initiative (2018-2021) and discuss their applications for the preparation of climate action investments, plans and policies;
- To identify gaps and required enhancements to existing methods and tools and to enable a process of expanding technical partnerships needed to support their further development and application.

To: WMO Experts and Partners
GCF Experts and Partners
UN Agencies
Donors and Development Partners
Energy Experts and DRR Experts

The forum will involve National Hydro-meteorological Services (NMHS), the WMO technical community, research/academic and international organizations and information users such as Accredited Entities (AE), Direct Access Entities (DAEs) and National Designated Authorities (NDAs) to the GCF, decision-makers, development partners, private investors, and non-governmental organizations.

The Forum will be structured around:

1. A plenary session on **Day 1** (14:00 – 17:30 CEST) where the WMO-GCF Climate Science Information for Climate Action collaboration will be introduced. The WMO-GCF methodology and tools developed to analyze past, present and future climate data will be presented. In addition, country cases will showcase capacity requirements and climate science information needs and gaps.
2. Technical sessions and a plenary discussion on **Day 2** (10:00-14:00 CEST) on climate science analysis for different time scales and spatial resolutions. The plenary session will be followed by breakout sessions organized around sectoral working teams. The sectoral working groups will be facilitated by experts from the WMO and GCF Secretariats, technical partner organizations and WMO experts from the Service Commission (SERCOM) Standing Committees and Study Groups.
3. A plenary session on **Day 3** (14:00 – 15:30 CEST) will summarize the results and provide recommendations on the next steps.

A detailed agenda of the forum is attached for your information.

The Forum will be conducted primarily as a virtual meeting. You are invited to register your participation, preferably by **15 August 2022** at the following link: <https://wmo-int.zoom.us/meeting/register/tZ0uf-mtrj4sG9Sm6OXQkJSWJ8qsIwlr8fkM>. After registering, you will receive a confirmation email containing information about joining the meeting.

In preparation for the WMO-GCF Global Forum on Climate Science Information – Data, Tools and Methods - WMO will invite experts to submit information about existing data sources, tools, methods and tailored products in use for developing climate science information for climate action. A Submission Form is attached to this letter. The information collected through this template will be exclusively used by WMO to facilitate expert presentations and technical discussions during the Forum. You are free to submit your duly compiled submission form to: climatescience@wmo.int

I would greatly appreciate your response **on or before 15 August 2022** to ensure that your submission will be well considered. The focal points for this activity are Ms Ilaria Gallo (igallo@wmo.int) and Ms Roshni Dave (rdave@wmo.int) at the WMO Secretariat. For any further inquiries, do not hesitate to contact them.

Yours faithfully,



Dr Elena Manaenkova
for the Secretary-General

Draft agenda

Day 1 (14:00-17:30 CEST)			
The Climate Science Information for Climate Action Initiative			
Time	Topic	Lead facilitation	Participants
14:00 – 14:30	<ul style="list-style-type: none"> Opening ceremony 	Lead facilitator Opening remarks by WMO Opening remarks by GCF Video message	All
14:30 – 14:45	<ul style="list-style-type: none"> Introduction of scope and objectives of the Global Forum on Climate Science Information – Data, Tools and Methods 	Amir Delju (WMO)	All
14:45 – 15:15	<ul style="list-style-type: none"> Presentation of the Climate Science Information for Climate Action collaboration 	Kevin Horsburgh (GCF)	All
15:15 – 16:00	<ul style="list-style-type: none"> Country case presentation (capacities, needs and gaps): <i>Haiti</i> <i>Cabo Verde</i> <i>Cambodia</i> 	Kènel Delusca (Haiti, LDC Expert Group Chair) Ester Brito (National Designated Authority of Cabo Verde) Heng Chan Thoeun (Cambodia)	All
16:00 – 16:15 Health break			
16:15 – 17:00	<ul style="list-style-type: none"> Needs and requirements expressed by the development and climate finance partners 	Open discussion facilitated by Kevin Horsburgh (GCF) Presentations by international climate financers: African Development Bank (AfDB)	All
17:00 – 17:20	<ul style="list-style-type: none"> Conclusions and next steps 	Amir Delju (WMO) Kevin Horsburgh (GCF)	All

17:20 – 17:30	<ul style="list-style-type: none"> Concluding remarks for Day 1 	Director of Climate Services Branch (WMO)	All
Day 2 (10:00-14:00 CEST) Data, tools and methods for climate science information analysis			
Time	Topic	Lead facilitation	Participants
10:00 – 10:30	<ul style="list-style-type: none"> Introduction of Day 2 Presentation of session objectives 	Lead facilitator Amir Delju (WMO)	All
10:30 – 10:40	<ul style="list-style-type: none"> Introduction to a selection of tools and methods to analyze climate science information according to temporal and spatial scales 	Manola Brunet (SC-CLI Chair) to introduce the session	All
Break-out Sessions: Time/spatial scales Working Groups			
10:40- 11:45	Group 1 - Past/present <i>Climate analysis, reanalysis</i>	Lisa Alexander (WCRP; UNSW) Invited experts	
	Group 2 - Prediction <i>Sub-seasonal-to-seasonal prediction, near-term and decadal predictions</i>	Nico Caltabiano (WMO) Invited experts	
	Group 3 - Projections <i>CMIP CORDEX</i>	Invited experts or institutions to be confirmed (e.g. WCRP)	
	Group 4 - Approaches for Addressing Limited or Absent Data <i>Re-analysis, grid-point data, satellite data</i>	Invited experts or institutions to be confirmed	
11:45 – 12:30	<ul style="list-style-type: none"> Plenary discussion and recommendations 	Moderator to be confirmed	All
12:30 – 13:00 Health break			

Breakout Sessions: Sectoral Working Groups			
Time	Topic	Lead facilitation	Participants
13:00 – 14:00	Group 1 - Food & Agriculture	Robert Stefanski (SC-AGR) or expert from a technical institution (e.g. FAO)	SC-AGR, FAO, GCF sectoral experts
	Group 2 - Water	Hwirin Kim (SC-HYD) or expert from a technical institution (e.g. UNICEF, UN Water, GWP)	SC-HYD, GWP, UNICEF, UN-Water, GCF sectoral experts
	Group 3 - DRR	Cyrille Honoré or expert from a technical institution (e.g. UNDRR)	SC-DRR, UNDRR, GCF sectoral experts
	Group 4 - Energy	Alberto Troccoli (WEMC)	SG-ENE, WEMC, GCF sectoral experts
	Group 5 - Health	Joy Shumake-Guillemot (SG-HEA) or expert from a technical institution (e.g. WHO)	SG-HEA, WHO, GCF sectoral experts
	Group 6 - Coastal	Sarah Grimes (SC-MMO) or expert from a technical institution (e.g. IOC)	SC-MMO, GCF sectoral experts
	Group 7 - Urban	Vicente Vasquez Granda or an expert from a technical institution	SG-URB, GCF sectoral experts
Day 3 (14:00-15:30 CEST)			
Summary and recommendations			
Summary reporting and final recommendations			
14:00 – 15:00	Sectoral group work reporting by facilitators and final recommendations	Facilitation of the discussion by Rupa Kumar Kolli Working groups appointed focal points	All
15:00 – 15:30	The way forward and closing remarks	Amir Delju (WMO) Kevin Horsburgh (GCF)	All

Submission Form

This form is for the submission of data sources, tools, methods and tailored products in use for developing climate science information. The information collected through this template will be exclusively used by the World Meteorological Organization (WMO) to facilitate expert presentations and technical discussions during the First Global Forum on Climate Science Information – Data, Tools and Methods¹.

		Submitter's Name/Surname:	Email:
TRACEABILITY - AUTHORITATIVE	1	Name of the database/tool/method:	<i>Please provide your answers in the blank spaces below. Feel free to expand the boxes as much as you need.</i>
	2	Type of the data (observed, proxy, climate variable, etc.)	
	3	Name of the institution that developed the data source/tool/method:	
	4	Year of development and last update:	
	5	Link/website to the data source/method/tool:	
ACCESSIBILITY - APPLICABILITY - USABILITY	6	Is the data source/tool/method open source?	Yes/No
	7	For which analytical purposes the data source/tool/method can be used (e.g. develop climate science analysis for a particular timescale, spatial scale or climate variable)?	
	8	For which decision-making purposes the data source/tool/method could be used (e.g. early warning alerts, vulnerability assessment, socio-economic analysis, cost-benefit analysis, etc.)?	
APPLICABILITY -	9	In which geographic location can the data source/tool/method be best applied?	

¹ Please use a different form for each of the data sources, tools and methods you wish to be reviewed by WMO and potentially presented at the Global Forum on Climate Science Information – Data, Tools and Methods. All the submissions will be presented on the Forum's dedicated webpage and in the forthcoming Climate Science Information Web Portal (under construction).

	10	For which specific sector can the data source/tool/method be best applied?	
QUALITY CONTROL - AUTHORITATIVE	11	Has the data source/tool/method undergone a process of quality control by an external certifier?	
	12	Has the data source/tool/method undergone a process of academic peer-review?	
	13	Has the data source/tool/method been reviewed or accredited by any WMO or international organization's intergovernmental body or process (expert teams, study groups, technical commissions)?	
COMPARABILITY	14	Can the climate information generated by the data source/tool/method be combined or analyzed in correlation with socio-economic or any other type of data for performing a systematic analysis of climate action priorities?	
USABILITY	15	In your opinion, what are the limitations of the data source/tool/method (e.g. limited geographic/sectoral applications, need for long historical data series, etc.)?	
	16	Could you please describe any good practices of using the data source/tool/method, especially related to informing the preparation of climate action investments, plans and policies?	

Please send the duly compiled submission form to: climatescience@wmo.int

