



20 APFM

ASSOCIATED PROGRAMME
ON FLOOD MANAGEMENT

Y E A R S
AND COUNTING

ANNUAL REPORT

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Report No. 51



WORLD METEOROLOGICAL ORGANIZATION

The World Meteorological Organization (WMO) is a specialized agency of the United Nations. It coordinates the activities of the meteorological and hydrological services of 193 countries and territories and is the authoritative voice on weather, climate and water.



ASSOCIATED PROGRAMME ON FLOOD MANAGEMENT

The Associated Programme on Flood Management (APFM) is a joint initiative of the World Meteorological Organization (WMO) and the Global Water Partnership (GWP). Since 2001 it promotes the concept of Integrated Flood Management (IFM) as an approach to flood management.



GLOBAL WATERPARTNERSHIP

The Global Water Partnership (GWP) is an international network whose vision is for a water secure world. The GWP mission is to advance governance and management of water resources for sustainable and equitable development. Created in 1996 the GWP network is open to all organizations that recognize the principles of integrated water resources management endorsed by the network.

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Executive Summary

This Annual Report documents the activities undertaken by the APFM Technical Support Unit during the reporting period 01st September 2021 to 31st July 2022.

The Associated Programme on Flood Management (APFM) in its 21st year of existence has continued to promote and apply Integrated Flood Management (IFM) strategies and approaches at local, national, and regional levels following the APFM Business Model. During the last year, the APFM Technical Support Unit (TSU) supported countries, international organizations, researchers, academia etc. through the IFM HelpDesk in close collaboration with the Support Base Partners (SBPs), mainly assisting in various aspects of flood management including sharing of guidance materials or technical information on IFM, development of new project proposals, community-based flood management approaches, IFM related capacity development workshops etc.

Continuing with the 20th anniversary of APFM, the TSU developed new communication strategy materials to improve the visibility of APFM and IFM HelpDesk to the users worldwide. For this purpose, a dedicated webpage showcasing 20 years of achievements, important milestones along with communication materials for better outreach and networking has been developed. It is also foreseen that the APFM communication strategy and tools will be used for overall hydrological related activities as well as by the APFM sister programme on Drought Management (IDMP). During the upcoming [Commission for Weather, Climate, Water and Related Environmental Services & Applications \(SERCOM\)](#) 2nd session (to be held in Geneva from 17 to 21 October 2022), a side event will be organized with the participants from the National Meteorological and Hydrological Services (NMHSs) to celebrate the 20th Anniversary of the APFM and share the communication materials related to the APFM activities including IFM tools, policies publications, Helpdesk for requesting assistance etc.

APFM Institutional development

The APFM is placed under a new Branch called Hydrology, Water and Cryosphere Services within the Services Department of WMO. Under the same branch, the WMO team supporting the [Water and Climate Coalition](#) (WCC) has been merged (previously hosted under a separate unit called Hydrology and Cryosphere Coordination (HCC) Unit). Noting the wider reach to decision- and policy- makers of the WCC, the enhanced dialogue between the APFM TSU and the WCC supporting team will provide the opportunity to build synergies and increase visibility to the activities of APFM. This synergy will also allow contributing to the implementation of the action plan (to be presented at the next UN Climate Conference in Egypt in November 2022) to achieve the goal, announced by UN Secretary General Guterres on [World Met Day in March 2022](#), to have everyone on Earth protected by early warning systems against increasingly extreme weather and climate change within the next five years.

The APFM activities have been integrated under the overall WMO strategic operating plan (SoP) to contribute and be part of WMO regular budget activities. At the same time, WCC could advocate for additional resources on activities synergetic between [WMO Action Plan for Hydrology](#) and the WCC Action plan. Integrated Flood Management (IFM) and support to the APFM activities are placed under the [Activity 7 of the Standing Committee on Hydrology \(SC-HYD\) following the WMO Action Plan for Hydrology](#). Some of the activities which are supported by the experts of the SC-HYD groups are new project proposal development on IFM (and drought management), enhancing linkages between hydrological forecasters and last mile connectivity, develop capacities of stakeholders in the management of flood events.

The APFM TSU is presently discussing with the members of SC-HYD to expand the scope of IFM HelpDesk to cover Integrated Water Resources Management and Public-Private Engagement, also assisting with water resources management issues (water quality, water assessment, groundwater management etc.) or water related events (drought). The draft Concept note structure was presented during the last SC-HYD meeting held in May 2022 and was approved for development. The TSU invites

support base partners to support the concept note’s development together with the SC-HYD experts and APFM and IDMP Technical Support Unit. The concept note will be submitted to the SERCOM Management Group for consideration and approval following the SERCOM-2 meeting planned for mid-October 2022, before the end of 2022.

Community of Practice (CoP) on E2E-EWS for Floods Forecasting

The APFM TSU together with the SC-HYD experts are supporting Activity 3 (implementation strategy for the End-to-End Early Warning Systems (E2E EWS) for flood forecasting (FF)) using the Community of Practice approach. The CoP webpage is presently under development ([hosted under the APFM website](#)) and it is expected that the first version of CoP webpage will be online before the end of December 2022. This CoP webpage will be for National Meteorological and Hydrological Services, Water resources agencies, disaster managers, practitioners and researchers who can share their experience towards the development and adoption of the best available, sustainable, and tailored solution on different activities or phases of E2E-EWS-FF. This CoP will also be used to populate the available inventory of hydrological models and platforms for flood forecasting and early warning systems. Further discussion and development of the



CoP will be carried out under the umbrella of SC-HYD, possibly also involving other entities such as the Standing Committee on Disaster Risk Reduction (SC-DRR) or the WMO Research Board.

APFM Partners

During the reporting period, some of the existing or new SBPs who have signed the new Letter of Engagement (LoE) or are presently under finalization are as below:

Name of the SBPs	Areas of cooperation
Bright Data Initiative	<ul style="list-style-type: none"> - Public web data delivery to Flood Management (APFM) and the Integrated Drought Management Programme (IDMP).
Zoï Environment Network	<ul style="list-style-type: none"> - Climate change risks and impacts on water resources - Flood forecasting, modelling, visualization and communication - Joint project development and implementation under the overall scope of IFM

Under the wider umbrella of the WMO public-private engagement, discussions are ongoing with other potential partners.

The APFM TSU is requesting all the remaining SBPs who have not yet signed the LoE to contact the TSU and have the agreement signed at the earliest.

Volta Flood and Drought Management (VFDM) Project (October 2021- July 2022) and the way forward

During the reporting period, the implementation of the [Volta Basin Flood and Drought Management \(VFDM\)](#) project activities are on-going with the APFM Support Base Partners namely CIMA Research Foundation, IUCN, Knowledge and Innovation (K&I).



Figure 1: VOLTALARM EWS developed under the VFDM project

The below table provides a list of major planned and completed activities of the VFDM project

Activities completed until July 2022	Activities planned from August 2022
National consultation reports for the Six countries and Volta Basin Authority for developing EWS on floods and drought	Develop long-term flood and drought risks prevention and management strategies for the Volta Basin
Feasibility study on the application of the IUCN Red List of Ecosystems and guidance documents to promote ecosystem services through Nature-based solutions in the Volta Basin are completed	Develop a hydrological modelling and impact-based forecasting system for floods and drought hazards for the Volta Basin which will be embedded into the VOLTALARM early warning system
Development of floods and drought risk maps and climate scenarios for the Volta Basin region with the support of 61 national technicians and CIMA Research Foundation	Develop the National Centralized Database and integrate the existing Hydrological and meteorological observation networks into the VOLTALARM EWS
Design and development of the VOLTALARM multi-hazard early warning system for stakeholders in the Basin, namely the National Meteorological and Hydrological Services, and disaster management authorities. Link to the VOLTALARM EWS https://myDewetra.volta.world	Build synergies and complementarities with other on-going or completed projects and visualize any available products or tools on flood and drought monitoring and forecasting system
Provision of training to over 200 participants from project countries through distance learning courses on Basic and Advanced Hydrology, Geospatial information, and drought monitoring in the Volta Basin region	Develop a bankable project proposal on Nature-based solution for flood and drought management and submit it to donors or financial institutions for funding
Provision of in-person training to some 200 regional, national and local stakeholders on gender	Pilot test the VOLTALARM EWS in 10 prone areas of the Volta Basin during the monsoon and dry

mainstreaming and nature-based solutions for flood and drought management in the Basin	seasons in order to identify the applicability and effectiveness of the early warning-early action at the community level
Implementation of community-based flood and drought management activities in the six communities of the Volta Basin.	Support beneficiary countries in strengthening policy, action plans and institutional capacity for integrated flood and drought management at the local, national and transboundary levels
Review of the existing policies, plans and guidelines on flood and drought management at the regional, national and local levels of the Volta Basin	Carry out training or capacity development activities for the national, regional and local agencies professionals on various phases of E2E-EWS-FF

Between March-June 2022, an independent mid-term evaluation (MTE) of the VFDM project was carried out following the guidelines of the Adaptation Fund (according to which the implementing entity, WMO, must undertake the MTE for projects/programmes that have been under implementation for over four (4) years). The MTE was mainly carried out to assess progress towards the achievement of the project objectives and outcomes as specified in the Project Document including early signs of project success or failure in order to identify adjustments to achieve its intended outcomes or results. The mid-term evaluation report was developed and validated by the regional and national stakeholders, following which it was submitted for review and approval. The VFDM MTE report is available here

https://www.adaptation-fund.org/projects-document-view/?URL=https://spxdocs/en/081140008012217177/6324_MTE%20report_draft-final-UK_VFDM%20.pdf

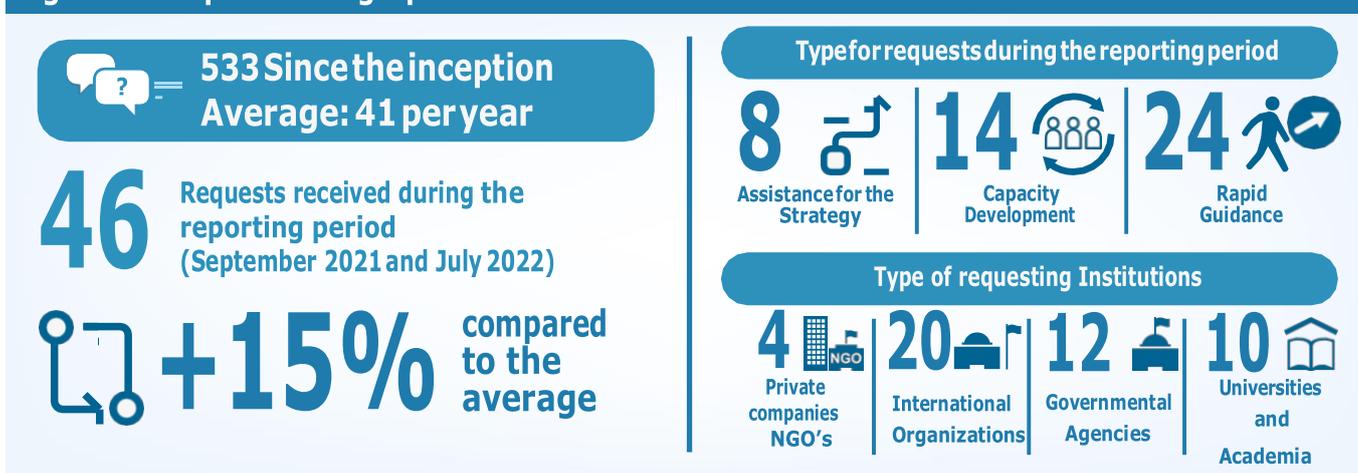
The third-year project progress report (PPR-III) will be submitted to the Adaptation Fund during September 2022 including the request for one year no-cost extension of the project implementation in order to manage the delays encountered due to the Covid-19 pandemic during March 2020-January 2022. Following review and approval from the Adaptation Fund Secretariat, 4th tranche of payment will be transferred for the implementation of 4th year project activities.

Technical Assistance through IFM HelpDesk



The IFM Helpdesk continues to receive requests for support from users working on flood management. In the reporting period, 62 number of requests were received from various users of IFM HelpDesk. Details about the HelpDesk request are presented in the below table (check Annex 1 for details on the requests received in the reporting period and refer to previous annual reports for previous requests).

Figure 2- HelpDesk infographic



Provision of Technical Expert Service to WMO/GWP initiatives and new Proposal Development

The APFM TSU continued providing technical support to various on-going initiatives or projects related to flooding of WMO and GWP. During the reporting period, APFM was involved in the Climate Risk and Early Warning System (CREWS) components of Caribbean, Cambodia and Lao People Democratic Republic (PDR) projects, mainly implementing the community-based flood management and gender mainstreaming activities in the pilot communities. The activities' implementation primarily uses the existing methodologies, tools and technical expertise of the APFM support base partners. Also, the APFM TSU together with the IDMP team has been supporting the phase 2 activities of the EPIC Response framework developed jointly by World Bank and Deltares with technical contribution from the WMO and GWP experts. During phase 2, a piloting of the EPIC Framework findings and dissemination activities are going to be organized in India and Ghana through a hybrid workshop event tentatively planned for October and November 2022.

During the reporting period, The APFM TSU continued working with the NMHSs of Bangladesh, Bhutan, India and Nepal on developing a pre-concept note for the application of the Hydrological Status and Outlook System (HydroSOS) (including flood and drought risk maps, community initiatives etc.) in the Ganges-Brahmaputra-Meghna (GBM) basin. Several regional and national consultation workshops were organized during the reporting period to finalize the HydroSOS GBM project pre-concept note which will be submitted to the Adaptation Fund for funding in early August 2022. The APFM TSU also contributed in reviewing new pipeline components of CREWS (Malawi, Caribbean Phase-II) initiatives and other WMO regional projects proposed with hydrological forecasting and early warning system related activities namely in Lake Chad, Mekong and Pacific regions. For Central America, the TSU is currently exploring together with the IDMP TSU and GWP Central America ways to support the development of flood and drought management activities in the region, especially piloting in Panama and Costa Rica.

Resource Mobilization and Outreach

APFM and IDMP Joint Session during SWWW 2022

The APFM and IDMP TSU will jointly organize a session on '[Closing the Last Mile: People-centric Flood & Drought Early-Warning-Systems](#)' during the Stockholm World Water Week (SWWW) 2022. The session will be mainly to learn and discuss challenges related to managing climate extremes and the usefulness of flood and drought early warning systems for warning dissemination and early action from national to the local levels. The session will be conducted virtually and APFM SBPs are encouraged to attend the session using the connection details available on the SWWW 2022 website.

Gender Mainstreaming side events during III- MHEWS Conference 2022 in Bali

A learning side-event on Gender Mainstreaming in the End-to-End Early Warning System for Hydro-Meteorological events was organized jointly by the WMO (APFM) and UN WOMEN team on the second day of the III-MHEWS conference 2022 in Bali, Indonesia. More than 70 participants from different agencies and work areas (NMHSs, Disaster management, international organizations, NGOs, Academia, etc.) joined and actively participated in the group discussion. The overall



objectives of the side event were to understand gender specific needs, issues and identify strategies and approaches for mainstreaming gender in the preparedness and responsive phases of the end-to-end early warning system for hydro-meteorological events, linking with the pilot tested training manual for mainstreaming gender into E2E-EWS-FF developed by the APFM and partners.

Also, a webinar on gender mainstreaming into E2E-EWS-FF and IFM was organized by the WMO and APFM team during International Women's Day 2022.

Global Integrated Flood and Drought Management Competition for Youth-led Projects

Following the success of the first youth-based project competition in 2017, the second edition of the Global Integrated Flood and Drought Management Competition for youth led projects on flood and drought early warning services was organized jointly by APFM, IDMP and Water Youth Network (WYN) between November 2021-March 2022. More than 25 project ideas were submitted by youths worldwide, following a series of screening and pitching sessions, two project ideas were selected for implementation with a financial support of 3000 Euros each project from WMO and GWP. The two winners are implementing projects focusing on the "last mile" of EWS in Indonesia and Tanzania. The two competition winners have been invited to present their project information during the virtual session of SWWW-2022.

WYN volunteers and social media outreach

The APFM is very thankful to the support base partner WYN who is continuously supporting the work through youth volunteers who are managing the social media channels of APFM and supporting communication activities. The volunteers post updates about the APFM activities (including VFDM project activities) on social media channels (Facebook, Twitter and LinkedIn) where some of SBPs are active and are provided with regular information. Recently 8 new volunteers were recruited to support both APFM and IDMP communication activities including social media, website maintenance or updates, organizing webinars, developing newsletters etc.

The way forward

The APFM TSU plans to prepare an implementation strategy for the coming three years and which will be discussed at the annual SBP Forum. Important themes of this strategy will include project proposal development, enhancing linkage from forecasters and last mile connectivity and capacity development.

For the next period, the APFM TSU and the other executing partners, namely the GWP-WA and VBA, and some of the SBPs will continue to implement the Volta flood and drought management (VFDM) project activities planned between August 2022 to July 2023 and beyond. The TSU welcomes support and guidance from all SBPs in the implementation of the project activities through available tools, methodologies and expertise in flood and drought management.

In parallel, the APFM TSU will continue to implement community-based projects through CREWS initiatives as well as identify new opportunities focussing on E2E-EWS-FF (Integrated Flood and Drought management in general) in various regions (national, transboundary) to develop new project proposals through GWP, particularly its Regional and Country Water Partnerships (RWPs and CWPs), WMO initiatives and the SBPs. These would be submitted to the relevant financial institutions.

The APFM TSU will continue to identify potential donors or financial institutions to support the new IFM projects as well as core activities of the APFM such as the IFM HelpDesk management, Community of Practice Communication and Outreach, and Coordination with the SBPs. The Concept note related to the expansion of the IFM Helpdesk to IWRM related topics will be shared with the SBPs for their review and contribution (informing relevant expertise and tools available on the IWRM related topics). The APFM TSU will continue to work on developing the CoP website on E2E-EWS-FF and will be available for SBPs to test the functionalities and effectiveness in the first quarter of 2023.

The APFM TSU will contact SBPs requesting support in the design and development of the online version of the Assessment Matrix (AM) to assess the current capabilities and needs of National Hydrological Services (NHSs) for the establishment and continuous operation of the flood forecasting and early warning system. At the same time, some of the SBPs will be invited to contribute on the study related to understanding the social-economic benefits of flood forecasting.

Furthermore, APFM will regularly collaborate with the SBPs through the virtual SBP forum or discussions, for example, through webinars or meetings which will be held every 3-6 months. This would allow periodical engagement with the SBP network to provide updates, brainstorm and discuss possible ideas or synergies

in project proposal development, expertise service, communication, and outreach.

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Annex-1 List of IFM HelpDesk Requests between September 2021-July 2022

As per the recommendations of the Advisory and Management Committees of 2015, the lists of HelpDesk requests have been aggregated into a single list, independent of the channel through which the request has been received. Criteria on the consistency of aggregated data are provided at the beginning of Annex I in the APFM Annual Report 2015-2016 (APFM Report No. 39).

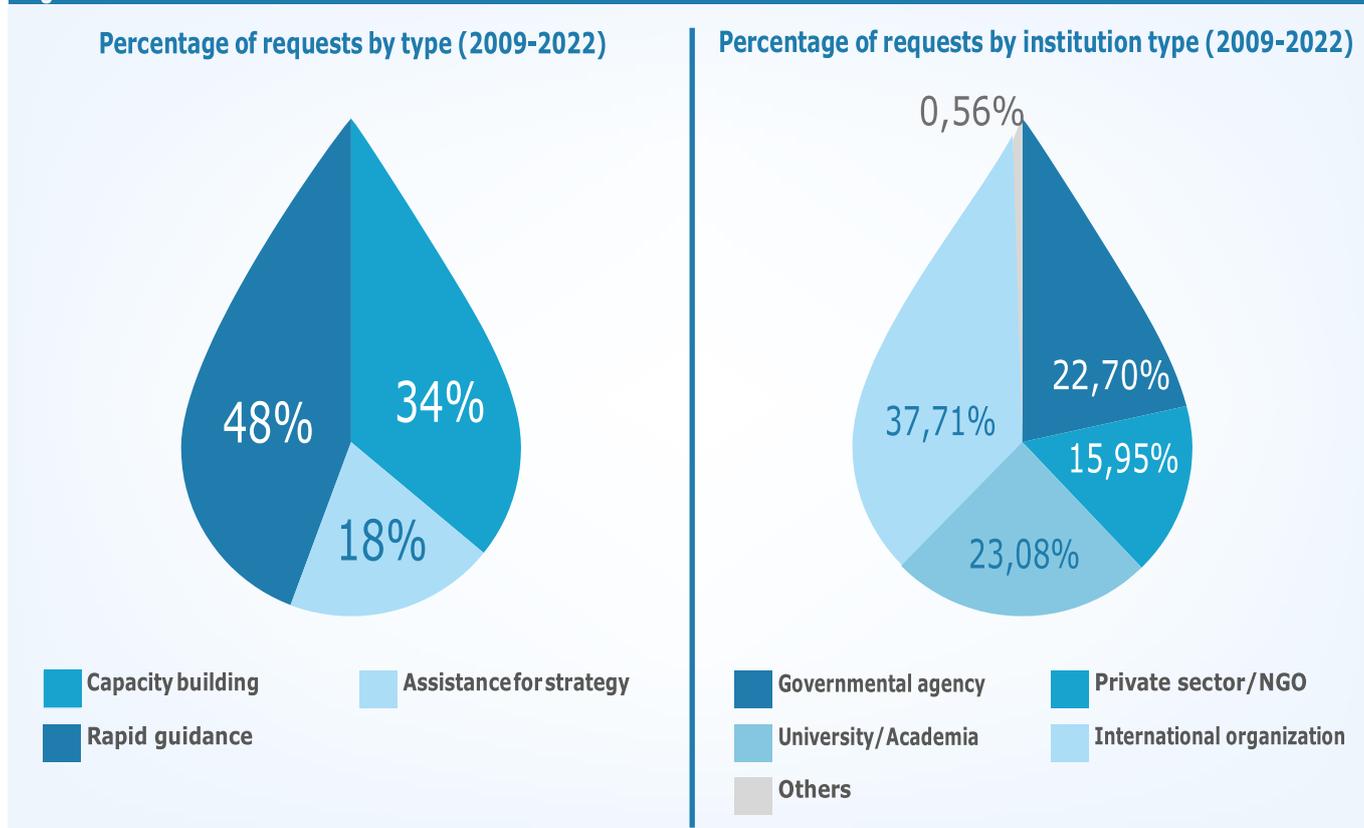
Since 2009, and as of July 2022, 533 requests have been received with an average of 41 per year. Of these 533, 36 were not fully addressed due to inappropriate requests (e.g. request for conference sponsorship, withdrawal, spam or lack of follow-up) from the requesting party. This translates into a rate of fulfilment of HelpDesk requests of more than 93%.

As shown in Figure 1 the most abundant type of request has been the "rapid guidance" (257 requests - 48.22%), followed by capacity building (183 requests - 34.33%). The category "assistance for strategy" covers less than one-fifth of the total requests 17.45% (93 requests) from 2009 to July 2022.

Regarding the requesting institutions, "International Organizations" (203 requests - 37.71%) is the category that made the most use of the HelpDesk, as shown in Figure 2. The remaining requests were from governmental agencies (22.70%), universities or academic institutions (23.08%), NGOs or private consulting companies (15.95%) and from others¹ (0.56%).

The proportion of IFM Helpdesk remains relatively less (46 requests) this year (2021-2022- accounted only for 11 months) compared to the last three years with the highest number of requests, i.e., 2020-2021 (62 total requests- 13 months accounted), 2019-2020 (51 total requests), and 2018-2019 (55 total requests) as shown in Figures 2 and 3

Figure 1



¹ Others category include technical assistance provided to the group of expertise (for e.g. HELP check in the Annex 1- HelpDesk request 2018-2019 of the Annual Report 2018-2019 for more information) working on specific activities related Integrated Flood Management.

Figure 2 – No. of requests among the three category types and reporting period (2009-2022)

Category Type request / Period 2009 - 2022

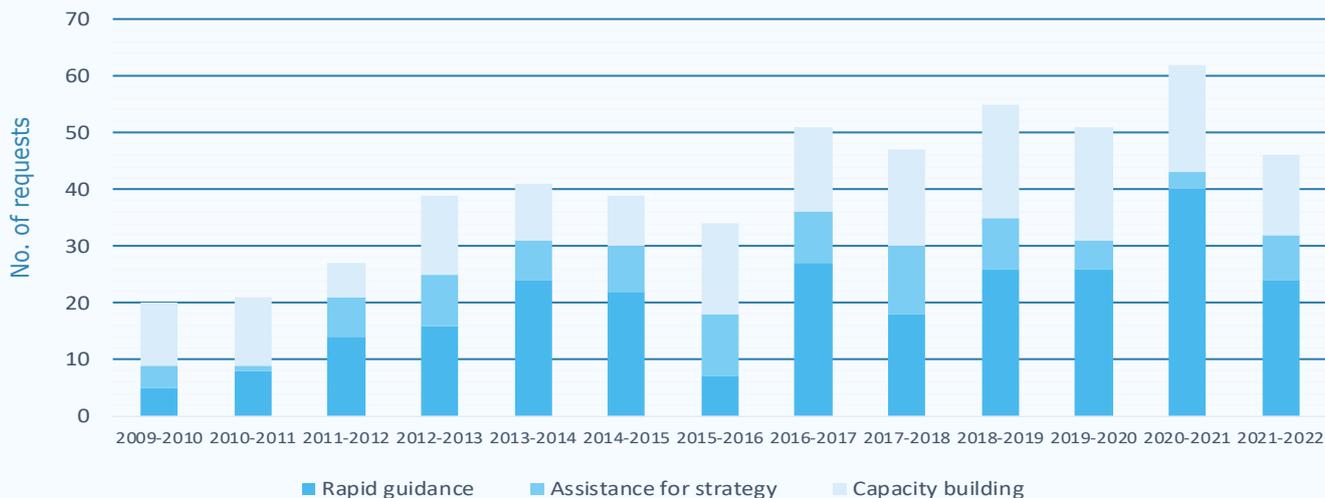


Figure 3 – No. of requests by Institutions requesting and reporting period (2009-2022)

Institution request / Period 2009 - 2022

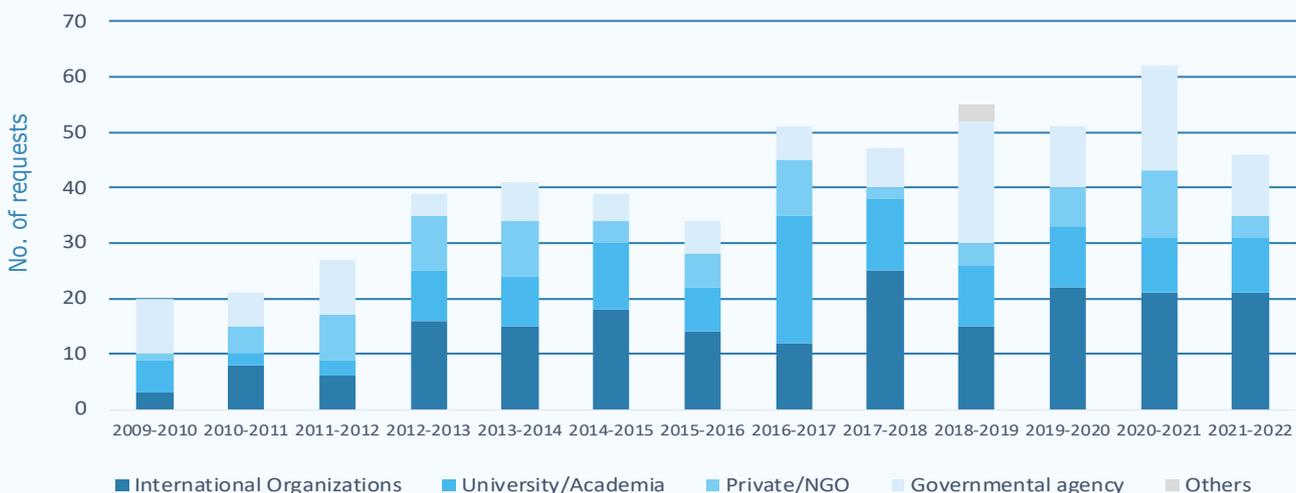
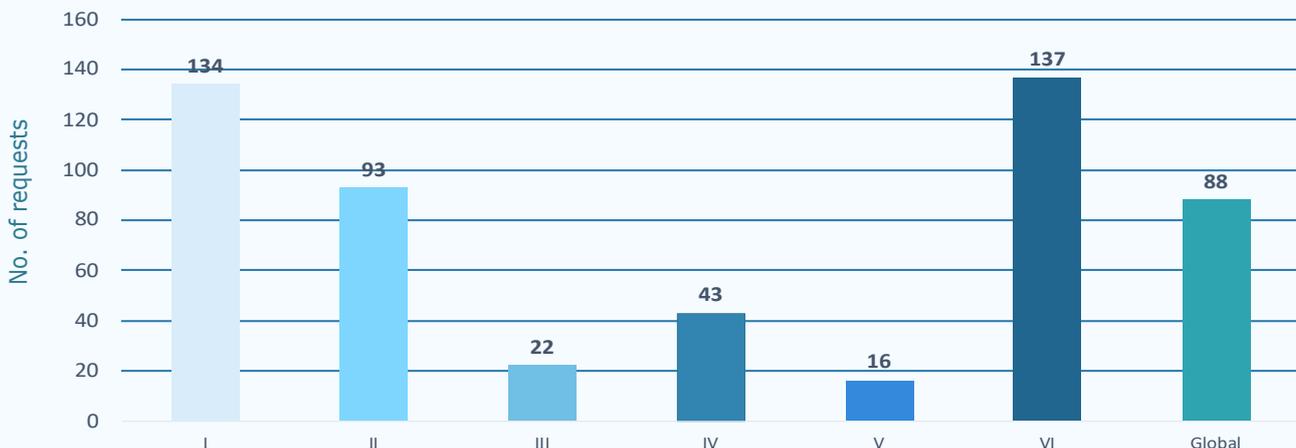


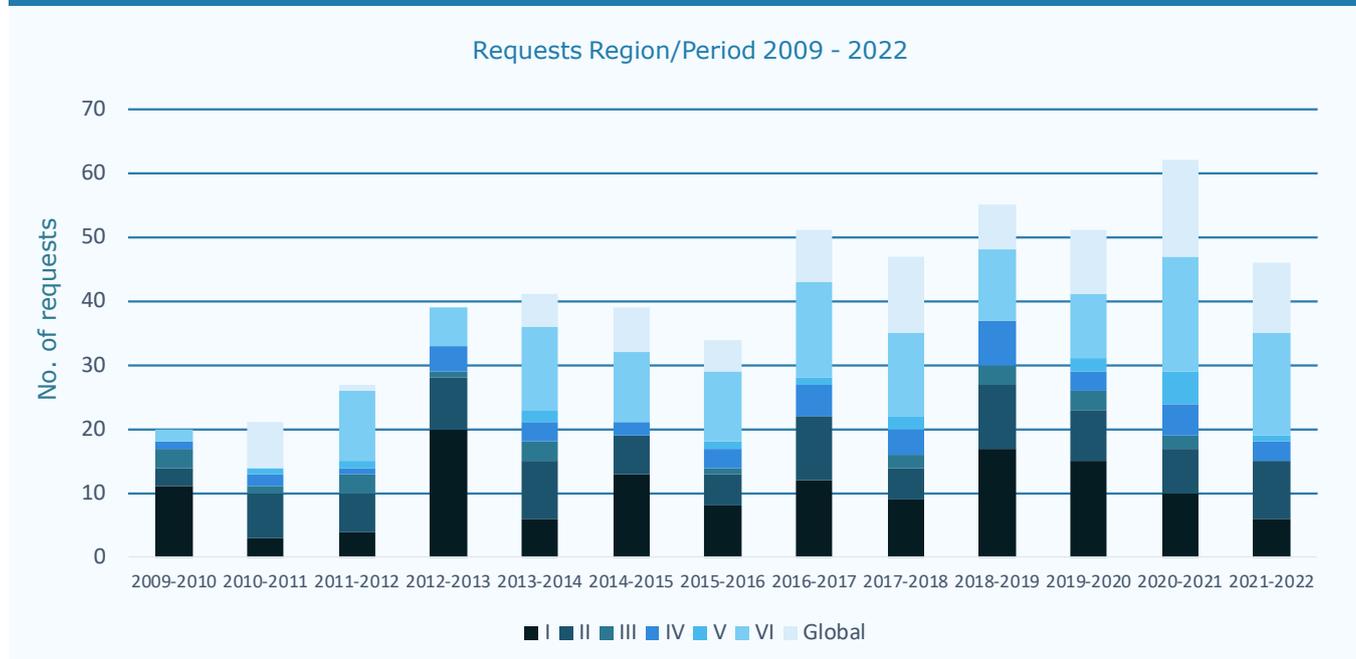
Figure 4 – No. of requests by geographical distributions since 2009

Requests by Region (2009 -2022)



In terms of countries targeted as a result of HelpDesk requests, Figure 5 shows RA VI – Europe as the region that has mostly benefitted from APFM interventions (137 requests since HelpDesk inception), followed by RA VI - Africa (134 requests), RA II – Asia (93 requests), RA IV (43), RA III (22) and RA V (16). In addition, 88 requests fall under the new category “Global”, which might reflect activities impacting the global, regional or transboundary level. A distribution by year is provided in Figure 5.

Figure 5 – No. of requests by geographical distribution and reporting period (2009-2022)



During the reporting period (September 2021-July 2022), 46 requests were received: of these, 1 request was discarded/rejected or lack of follow-up, 4 are either ongoing or action is planned for the next reporting period.

A brief summary of the 46 HelpDesk requests received in the reporting period is provided in the table below. The majority of the 46 requests have been addressed. Prior to this reporting period, 487 requests were made and documented in previous annual reports.

List of IFM HelpDesk Requests between August 2020-August 2021

Requests received by TSU in the framework of the HelpDesk						
Requests		Received from 06/2009 to 08/2021			Status:	
(No 1-487) not displayed)		(see previous annual reports)			446 Completed 35 discarded 6 on-going	
No.	Date	Institution, Country	Category (Request came through contacts in WMO or in GWP)	Impact (Region or Global)	Type of request	Status
488	September -21	FAO (International Organization)	Assistance for Strategy (WMO)	IV	Seeking guidance on AF proposal for Nicaragua	On-going
489	September -21	GFHS 2021 (International Organization)	Capacity Development (WMO)	Global	Organize a session on IFM/IWRM	Completed
490	September -21	Student (University and Academia)	Assistance for Strategy (WMO)	II	IFM strategy development	Completed
491	September -21	PhD student (University and Academia)	Rapid Guidance (WMO)	Global	Looking for rainfall data sources	Completed
492	September -21	Researcher, JAIN University Bengaluru India (Universities and Academia)	Assistance for Strategy (WMO)	II	Looking for IFM capacity development and strategies	Completed
493	September -21	WB Consultant, CREWS Pacific (International Organization)	Capacity Development (WMO)	V	Support to training programme for Fiji Met Services	Completed
494	September -21	GWP South Asia (International Organization)	Assistance for Strategy (WMO)	II	Support in developing climate change impact studies in Mountainous ecosystem	Rejected (no cost recovery possible)
495	September -21	Ministry of Foreign Affairs, Spain (Govt Agencies)	Rapid Guidance (WMO)	VI	Looking for institutional contacts of WMO	Completed
496	September -21	National Hydrological Research Institute, China (Govt Agencies)	Rapid Guidance (WMO)	II	Looking for Bibliographic references	Completed
497	September -21	Professor (University and Academia)	Rapid Guidance (WMO)	VI	Looking for Bibliographic references	Completed

498	October-21	GWP (International Organization)	Capacity Development (WMO)	Global	Capacity building on IFM and APFM approaches	Completed
499	October-21	Songwe River Basin Commission (Government agencies)	Capacity Development (WMO)	I	capacity building to our team on flood risk management	Completed
500	October-21	HydroHub, WMO (International Organization)	Rapid Guidance (WMO)	Global	Looking for contacts of experts	Completed
501	October-21	CREALP (NGO or Private companies)	Rapid Guidance (WMO)	VI	Looking for contacts of experts and Hydrological Data	Completed
502	October-21	GWP (International Organization)	Assistance for Strategy (WMO)	Global	Support in identifying indicators on water investment scorecard development	Completed
503	October-21	World Bank (International Organization)	Assistance for Strategy (WMO)	Global	Support in the EPIC Phase II	On-going
504	November - 21	Ministry of Foreign Affair, Spain (Govt Agencies)	Rapid Guidance (WMO)	VI	Looking for institutional contacts of WMO	Completed
505	November - 21	CREWS Secretariat (International Organization)	Rapid Guidance (WMO)	I	Technical support in reviewing the CREWS Malawi project concept note	Completed
506	November-21	UNESCO (International Organization)	Rapid Guidance (WMO)	Global	Review of publication on Flood and Drought management	Completed
507	November - 21	Ministry of Foreign Affair, Spain (Govt Agencies)	Rapid Guidance (WMO)	VI	Looking for institutional contacts of WMO Secretariat	Completed
508	December-21	World Bank (International Organization)	Rapid Guidance (WMO)	VI	Looking for experts on Hydrometry	Completed
509	Jan- 22	CREWS Secretariat (International organization)	Capacity Development (WMO)	II	Provide technical support in developing flood and drought risk maps for Cambodia and Lao PDR	On-going
510	Jan- 22	AIS Projects Sdn Bhd (NGO and Private Companies)	Rapid Guidance (WMO)	II	Information related to Integrated Flood Management (IMF) and Flood Forecasting and Warning	Completed
511	Februrary-22	Member services, WMO, (International organization)	Capacity Development (WMO)	IV	Implement Community based flood management project in Caribbean regional	On-going

512	February - 22	DPC, Italy (Govt Agencies)	Capacity Development (WMO)	VI	Present IFM concept during the IPA-Flood and Fires	Completed
513	February - 21	Ministry of Foreign Affairs, Spain (Govt Agencies)	Rapid Guidance (WMO)	VI	Looking for institutional contacts in WMO Secretariat	Completed
514	February - 21	Ghana HSD (Govt Agencies)	Rapid Guidance (WMO)	I	Request for good practices on the security of Hydrological Station	Completed
515	February - 21	Deltares (NGO and Private Companies)	Assistant for Strategy (WMO)	Global	Support on the preparation of position paper for HELP	Completed
516	March-21	DSI, Turkey (Govt Agencies)	Rapid Guidance (WMO)	VI	Information on FFGS	Completed
517	March-21	E-water, Spain (NGO and Private Companies)	Capacity Development (WMO)	VI	Participate as Speaker on climate change and coastal risks	Completed
518	April-22	DPS, WMO, (International organization)	Capacity Development (WMO)	Global	Organize a gender mainstreaming session during the MHEWS-III conference	Completed
519	April-22	Student, Nepal (University and Academia)	Rapid Guidance (WMO)	II	Support to accessing WMO publication	Completed
520	April-22	FAO (International organization)	Rapid Guidance (WMO)	Global	Seeking Bibliographic reference on IFM Tool	Completed
521	April-22	University of Geneva (University and Academia)	Rapid Guidance (WMO)	VI	Requested support letter for a project proposal	Completed
522	April-22	University of Cape town (University and Academia)	Rapid Guidance (WMO)	I	Request for review of draft publication	Completed
523	April-22	Student, France (University and Academia)	Rapid Guidance (WMO)	I	Request for information on Hydrometry	Completed
524	May-22	UNOOSA (International organization)	Capacity Development (WMO)	I	Requested to provide information on APFM Activities and VFDM project	Completed
525	June-22	Amsterdam University (University and Academia)	Capacity development (GWP)	VI	Presentation on extreme weather events and climate change	Completed
526	June-22	GWP (International Organization)	Assistance for Strategy (WMO)	IV	Request for reviewing flood and drought management proposal	Completed
527	June-22	UNICEF	Rapid	Global	Bibliographic	Completed

		(International Organization)	Guidance (WMO)		reference	
528	June-22	FOEN, Switzerland (International Organization)	Rapid Guidance (WMO)	VI	Support in WMO institutional matters	Completed
529	June-22	UNDRR (International Organization)	Capacity development (WMO)	VI	Support to the Geneva water dialogue	Completed
530	June-22	National Water Resources Agency, Bhutan (Govt Agencies)	Rapid Guidance (WMO)	II	Requested information on water resources assessment	Completed
531	June-22	Student (University and Academia)	Capacity development (WMO)	II	Looking for work opportunities in IFM	Completed
532	July-22	UK Met Office (Govt Agencies)	Rapid Guidance (WMO)	VI	Requested contacts on WMO Activities in the Middle east	Completed
533	July-22	Ministry of Ecology, Azerbaijan (Govt Agencies)	Capacity development (WMO)	VI	Presentation at National workshop on Caspian Sea	Completed



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