



ASSOCIATED PROGRAMME
ON FLOOD MANAGEMENT

Associated Programme on Flood Management Draft Annual Report (2024–2025)

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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.



GLOBAL WATER PARTNERSHIP

The Global Water Partnership (GWP) is an international network whose vision is for a water-secure world. The GWP's 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.



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 has promoted the concept of Integrated Flood Management (IFM) as an approach to flood management.

This Annual Report documents the activities undertaken by the APFM Technical Support Unit during the reporting period 01st September 2024 to 31st December 2025. It summarizes the key activities and achievements and initiatives undertaken by the APFM programme in improving global flood management.

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Executive Summary

The APFM Annual Report 2024–2025 highlights the programme’s continued role in advancing Integrated Flood Management (IFM) and strengthening flood forecasting and early warning systems worldwide through technical assistance, partnerships, and project implementation. During the reporting period (September 2024–December 2025), APFM reinforced its institutional development, marking its 25-year implementation milestone to support governments, international and basin organizations to strengthen their capacities and capabilities on flood management mainly through use of technological instruments and tools, collaboration with different stakeholders, etc.

APFM contributed directly to national and regional projects, including the completion of the Volta Flood and Drought Management (VFDM) Phase I and development of Phase II, implementation of Water at the Heart of Climate Action (WHCA) project, CREWS projects in multiple regions, and support to the finalization of the EW4All roadmaps and aligned project development such as HydroSOS BaNe that integrate hydrological monitoring, modelling and impact-based forecasting into flood and drought early warning systems. Technical assistance to more than 15 countries was delivered through sharing tools, guidelines and training materials, hosting more than 20 capacity-building workshops, hydrological modelling support, and community-based flood management initiatives.

The programme strengthened global collaboration through its Community of Practice on End-to-End Early Warning Systems for Flood Forecasting and through the integrated Water and Climate ServiceDesk and IFM HelpDesk (more than 50 requests were received during the reporting period), which provided targeted technical advice and facilitated knowledge exchange among practitioners and partners worldwide. These platforms enhanced operational readiness and promoted people-centred, multi-hazard early warning approaches.

Also, APFM continued to carry outreach and networking activities, ensuring the increased visibility of APFM and its activities during the reporting period. APFM TSU jointly with SBPs co-organized several webinars, participated to global and regional conferences and workshops, social media posts etc. Also, the 3rd edition of the youth led project competition was organized.

Despite limited confirmed core funding for the last years, the APFM (through in-kind contribution from WMO and GWP) maintained strong outreach and resource mobilization efforts, participated in global water and climate forums, and developed new project concepts to sustain its activities. Overall, the reporting period demonstrated APFM’s continued role as a global convener and technical partner translating IFM principles into practical solutions that enhance flood resilience, early warning systems, and climate adaptation outcomes at all levels.

APFM Institutional development – 25th Anniversary and support to Countries/IOs, Basin organizations etc.

During the reporting period 2024–2025, the Associated Programme on Flood Management (APFM) advanced its institutional development by positioning its Integrated Flood Management (IFM) concept and applications as a cornerstone of climate resilience in an era of increasing hydro-climatic extremes impacting lives, livelihoods and environment. In the reporting period, APFM continues to provide institutional and technical support through various national and regional projects (such as Volta Flood and Drought Management Phase-I and development of Phase-II, Water at the Heart of Climate Action, different CREWS projects such as Caribbean, Djibouti, Cambodia, and Lao PDR, etc.) to help partners integrate flood risk management and impact-based forecasting into national and transboundary early warning systems, aligning governance, legal and operational frameworks with EW4All pillars on risk knowledge, monitoring and forecasting, dissemination, and preparedness.

The on-going work and activities of APFM will support the APFM implementation plan for 2026–2028 developed as part of [25th Anniversary](#) strategic moment to continue partnerships and support to countries (governments), intergovernmental and river basin organizations and regional entities in applying IFM as the core strategy for flood risk management through the [UN Early Warning for All initiative \(EW4All\)](#) initiative. Through policy dialogues, capacity development activities, technical guidance, and direct advisory support, APFM and its Support Base Partners (SBPs) strengthened coordination between meteorological, hydrological, disaster risk management and water authorities, promoting people-centred, multi-hazard flood early warning approaches, enhancing preparedness and anticipatory action across borders.

Overall, APFM's institutional development in 2024–2025 mainly through WMO, GWPO and SBPs reinforced its role as a global convener and technical partner, translating its 25 years of experience into tailored, scalable institutional solutions that support countries and organizations in delivering EW4All outcomes and reducing flood risks under a changing climate. IFM HelpDesk continued to act as a knowledge broker, linking partners to tools, guidance documents, and training resources, while mobilizing expertise from the WMO, GWP and APFM partner networks. Overall, the IFM HelpDesk remain instrumental to support practitioners, researchers, policy makers at national, transboundary and global levels, from policy commitments to practical implementation of Integrated Flood Management and people-centred flood early warning systems. The APFM continues to identify funding opportunities through bi-lateral discussions with various donors or financial institutions to support core activities of the APFM (presently the operation is supported in-kind by WMO and GWPO). There have been no concrete funding opportunities available and agreed upon for the next reporting 2026 and 2027.

APFM wishes to express its sincere appreciation to **Dr Stefan Uhlenbrook**, former Director of Hydrology, Water and Cryosphere (HWC), for his invaluable support and steadfast commitment to APFM programme activities. Dr Uhlenbrook concluded his tenure with WMO at the end of December 2025 and will start his new role as Director of MeteoSwiss. APFM acknowledges with great appreciation his visionary leadership, dedicated support, and enduring impact on the programme.

APFM also conveys its profound thanks to **Mr Giacomo Teruggi** for more than two decades of dedicated service and support to the APFM programme and its activities. His long-standing commitment has significantly strengthened the programme's impact and progress. APFM warmly congratulates him on his new responsibilities as Technical Coordinator for Constituent Bodies within WMO and wishes him every success in this important role.

Looking ahead, APFM is pleased to announce that **Dr Hwirin Kim** will assume the role of Head of the APFM Technical Support Unit, and the programme looks forward to continued progress and collaboration under her leadership.

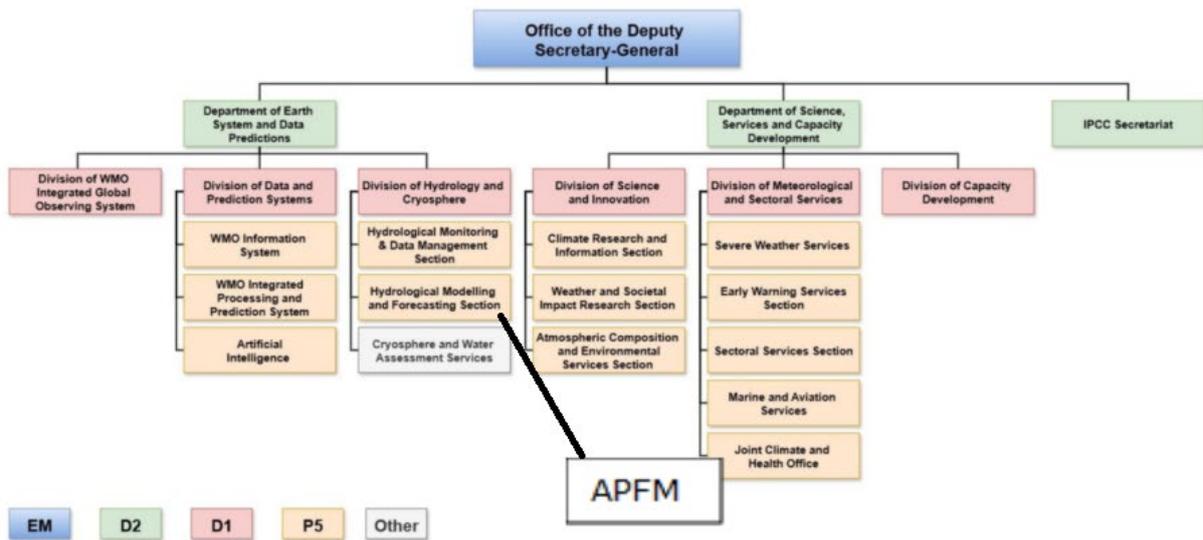
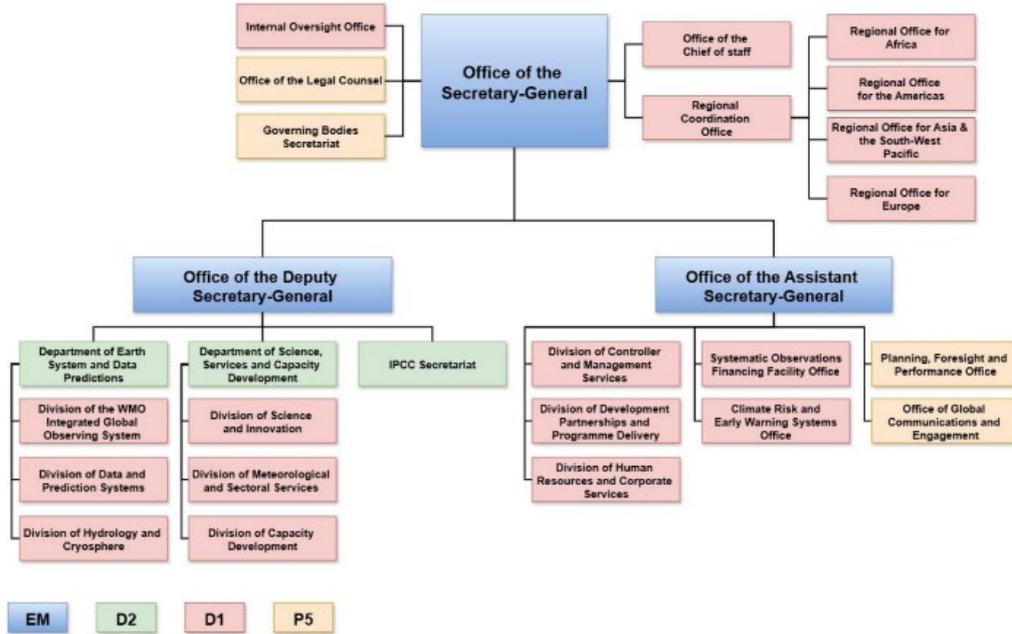
Dr. Robert Reinhardt has joined the APFM (and IDMP) Technical Support Unit as a Junior Professional Officer (JPO), supported by Germany, and will be assisting APFM activities, particularly in drafting the APFM Implementation Plan 2026–2028. **Beatrice Giovinazzo** provides adhoc support for APFM communication and information management while APFM continues the search for a permanent Communication Officer.

WMO – Transforming the Secretariat

In response to evolving global challenges, growing demands for integrated Earth system and science for service approaches, WMO underwent [reorganization of the Secretariat](#) to enhance service delivery as well as to strengthen technical and scientific capacity to ensure continued alignment with Member priorities. These measures reflect WMO's commitment to sound financial stewardship, sustained leadership, and support for broader United Nations system efficiency under the UN80 initiative. The reforms reflect both WMO's commitment to the broader UN80 initiative and the need to develop a coherent "One WMO" approach to meteorological, hydrological and climate services.

Under this new structure, the APFM programme has been moved to the Hydrological Modelling and Forecasting section of Division of the Hydrology and Cryosphere under the Department of Earth System and Data Predictions as shown in the below organigrams.

Organigrams



GWPO – Global Transformation Agenda, new leadership and new strategy from 2025

Under the leadership of the new Executive Secretary, Alex Simalabwi, who assumed office in February 2025, GWPO has embarked on an ambitious GWP’s Global Transformation Agenda, designed to modernize institutional structures, enhance accountability, and position GWP as a more agile and effective intergovernmental organization. As part of this effort, GWPO is establishing a GWP General Assembly, transforming the current Steering Committee into a Board, and

strengthening internal mechanisms and governance frameworks to ensure long-term institutional sustainability.

GWPO has also launched the Global Outlook Council on Water Investments, a high-level political and investment platform launched in 2025 as a G20 Presidential Legacy initiative under the Global Water Investment Platform. The Council aims to accelerate and de-risk climate-resilient water investments, strengthen political momentum, and track progress toward scaling finance for water security globally. The Secretary-General of WMO, Prof. Celeste Saulo, serves as a Champion of the Council. WMO's annual State of Global Water Resources Report is the main contribution to the Council, informing investment decisions and policy dialogue under this global water finance agenda.

To further consolidate its intergovernmental foundation, GWPO organized diplomatic engagement events in Stockholm (with participation from 25 countries) and Geneva (15 countries), the latter hosted at WMO headquarters, to inform and invite countries to join as new Partners, following the opening of GWPO's Memorandum of Understanding for new Partners for the first time in 25 years.

In parallel, GWPO is preparing for the relocation of its headquarters from Sweden to the Global South in 2026. A transition office has already been established in South Africa to ensure continuity of operations and activities throughout the transition.

An external independent evaluation commissioned by Sida endorsed GWP's performance and validated the strategic direction of the organization. Building on this momentum, GWPO launched its new Strategy 2026–2030, which sets out an ambitious framework to accelerate climate-resilient water governance, mobilize investments, and strengthen knowledge and capacity worldwide ([link to evaluation](#)).

In August 2025, GWPO officially launched its new Strategy 2026–2030 at the margins of World Water Week in Stockholm. The strategy sets ambitious targets to mobilise US\$15 billion in climate-resilient water investments by 2030 and to improve water governance outcomes in at least 150 countries. It prioritises three integrated strategic goals – finance and investments, governance, and knowledge, capacity and data – to accelerate progress toward a water secure world and includes a priority for APFM as well as the sister programme IDMP.

APFM contribution to WMO Hydrology Plan of Action through SC-HYD on different milestones

The Associated Programme on Flood Management (APFM) has contributed substantively to the implementation of the WMO Hydrology Plan of Action (PoA) through its engagement with the Standing Committee on Hydrology (SC-HYD) across several key milestones (Milestone 14 Expansion of IFM helpdesk to cover /inform IWRM topics, Milestone 15: Technical advice to the APFM and IDMP programmes, M16: development of the guidelines on Transboundary Flood Risk Management and M9: Community of Practice on End-to-End Early Warning Systems for Flood Forecasting). APFM has provided targeted technical advisory support that has helped shape and align flood

management-related activities with SC-HYD experts, ensuring coherence with broader hydrological and multi-hazard risk reduction objectives. Building on this foundation, APFM supported the expansion of thematic flood and drought HelpDesks into a more integrated [ServiceDesk](#) approach, enhancing responsiveness, coordination, and access to expert guidance for WMO Members, International organizations, NGOs, private companies, academia and universities etc. In parallel, APFM has actively fostered a [Community of Practice \(CoP\)](#) by facilitating knowledge exchange, peer learning, and the dissemination of good practices in integrated flood management. Together, these milestones demonstrate APFM's role in strengthening operational support, institutional collaboration, and capacity development within the WMO hydrological community under the Hydrology Plan of Action.

APFM Implementation plan 2026–2028

The APFM Implementation Plan 2026–2028 provides a structured roadmap for advancing integrated flood management in support of WMO priorities and Members' needs especially at local, national and transboundary levels. It focuses on delivering demand-driven technical assistance or support through projects mainly strengthening institutional and operational capacities and promoting the integration of flood management with water resources management, climate services, and multi-hazard risk reduction. The plan emphasizes practical implementation through advisory services, tools and guidance, capacity development, and knowledge exchange, while fostering partnerships and coordination through WMO governance structures, including technical advice from Flood Forecasting Initiative (FFI)-Advisory Group, SC-HYD and Hydrological Coordination Panel (HCP) and GWP network of partners (Regional and Country Partnerships). Through phased actions, monitoring of results, and engagement with a growing community of practice, the APFM Implementation Plan aims to translate policy into practice and enhance resilience to flood risks at national and regional levels. The draft implementation plan 2026–2028 is provided under Annex 2 and will be discussed further during the Annual APFM SBPs forum and will be finalized for implementation.

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

The [Community of Practice \(CoP\) on End-to-End Early Warning Systems for Flood Forecasting \(E2E-EWS-FF\)](#) (presently active with 140 plus experts) and the [Water and Climate ServiceDesk](#) together form integral components of WMO's collaborative knowledge and support architecture for strengthening flood forecasting and early warning services worldwide. Hosted under the [Water and Climate Communities](#) platform, the [Flood Forecasting and Warning CoP was launched officially during October 2025](#) (attended by more than 300 participants from 60 countries) and provides a dedicated space where hydrologists, meteorologists, disaster risk managers, policymakers, researchers and other practitioners can share best practices, tools, methodologies and



innovations across the entire forecasting value chain—from observations and data integration to modelling, warning generation and actionable information for at-risk communities. It facilitates expert discussions, webinars, training sessions and case studies to improve technical capacity and operational readiness in E2E-EWS for floods, contributing directly to global efforts such as WMO’s Early Warnings for All initiative linking with COPs on integrating drought management, agricultural meteorology and water resources assessment. Complementing this collaborative community, the Water and Climate ServiceDesk serves as an integrated advisory and support mechanism, bringing together multiple thematic helpdesks, including APFM’s expertise on floods, to provide tailored guidance on water and climate-related policy, planning, implementation and capacity development. It offers technical advice, facilitates workshops and training, and supports the development of flood forecasting and management tools, thereby helping Members translate the knowledge exchanged within the CoP into practical, context-specific solutions at national and basin levels. To learn more and join CoP, join the community by scanning the below QR code.

Water and Climate Communities

A global hub for advancing knowledge and action on water and climate

The overall objective of this hub is to provide an interactive and dynamic space for communities of practice dedicated to climate and water-related topics.

Bringing together researchers, practitioners, policymakers, civil society, students and young professionals, entrepreneurs and more, this platform serves as a hub for engagement, where members can share knowledge and opportunities, and collaborate on pressing global climate and water-related challenges.

Join our communities of practices, engage in discussions, comment on key topics, and explore events and opportunities!

452

members

Visit the communities!



Communities

🔒 Integrated Drought Management Programme

👤 328 You have joined [Visit](#)

🔒 Flood Forecasting and Warning (E2E-EWS-FF)

👤 144 You have joined [Visit](#)

🔒 Water Resources Assessment

👤 47 You have joined [Visit](#)

🔒 Agricultural Meteorology

👤 64 You have joined [Visit](#)

Letter of Engagement with the Support Base Partners

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

Name of the SBPs	Important areas of cooperation
Plan International (under initial discussion)	<ul style="list-style-type: none"> - Flood preparedness program at local and national levels - Advocacy and youth/children engagement -Capacity development to various stakeholders involved in the management of floods and droughts - Joint project development and implementation under the overall scope of IFM
OTT HydroMet (under finalization)	<ul style="list-style-type: none"> -Data science, remote sensing and space expertise - Digital twins of hydrological surfaces - Real time flood and drought early warning systems - Joint project development and implementation under the overall scope of IFM
Irrawaddy Consulting (under finalization)	<ul style="list-style-type: none"> -Institutional and governance analysis for flood and drought management - Support to policy, strategy development and planning - Design and review of institutional arrangements for early warning systems

Technical Assistance through IFM HelpDesk

The IFM Helpdesk continues to receive requests for assistance from users working on topics related to flood management and in general IWRM. In the reporting period, 52 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 earlier requests).

<p>718- Since the inception</p> <p>Average: 42 per year</p> <p>+20% more compared to the average.</p> <p>52 Requests received during the reporting period (September 2024 and December 2025)</p> 	<p>Type for requests between September 2024 to December 2025</p> <p>1 - Assistance for the Strategy</p> <p>29 - Capacity Development</p> <p>22 - Rapid Guidance</p> <p>Type of requesting Institutions</p> <p>13 - Private companies/NGO's</p> <p>25 - International Organizations</p> <p>7 - Governmental Agencies</p> <p>7 - Universities and Academia</p>
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APFM led Project Development and Implementation status

Completion of the Volta Flood and Drought Management (VFDM) Project and development of the VFDM Phase-2

The [Volta Basin Flood and Drought Management \(VFDM\)](#) project successfully concluded its five-year implementation period at the end of June 2025, following the submission of both financial and technical evaluation reports. Building on the achievements of Phase I and in response to requests from government agencies in Côte d'Ivoire and Ghana, a second phase—titled "[Scaling up Integrated Flood and Drought Management and Early Warning Systems for Climate Change Adaptation in the Volta Basin Countries \(Côte d'Ivoire and Ghana\)](#)"—was developed and submitted to the Adaptation Fund. By the end of December 2025, the Phase II concept note had received technical clearance and is scheduled for submission at the next Adaptation Fund Board meeting in April 2026, where endorsement will be sought to proceed with preparation of the full proposal.

Water at the Heart of Climate Action (WHCA)

The [project WHCA](#) (funded by the Ministry of Foreign Affairs (MoFA) Netherlands) has continued to implement Pillar 2 (observation, monitoring, forecasting for the water related hazards) of the EWS activities to support NMHSs of the 5 targeted Nile Basin countries (Ethiopia, Rwanda, South Sudan, Sudan and Uganda) in strengthening their flood and drought monitoring, forecasting and early warning system.

WMO is supporting the development of the multi hydrological modelling and impact based forecasting system for the Nile Basin countries jointly with the WMO regional climate centre (ICPAC) and APFM SBP partners CIMA Research Foundation and Swedish Meteorological and Hydrological

Services (SMHI). ICPAC, CIMA and SMHI are merging the four hydrological models (GeoSFM, Mike, FloodProof and Hype) to develop a multi model forecasting system and will be visualized under the East Africa Hazard Watch. Multiple regional workshops were organized in 2025 to discuss with the NMHSs of the countries and technical partners (WMO, ICPAC, SMHI, CIMA) on the methodological approach to merge the model outputs including definition of Thresholds for floods. The operational multi model and forecasting system is expected to be available for testing and verification during July 2026.

HydroSOS Bangladesh and Nepal (BaNe)

The APFM TSU together with the WMO HydroSOS team continued to develop the [full proposal for HydroSOS-BaNe project in Bangladesh and Nepal](#) (initially planned for the region of Ganga Brahmaputra and Meghna Basin) during 2024 and 2025. Delays were encountered to receive the endorsement letter from Nepal (challenge in receiving funds directly to the NMHSs bank account) and government restricting in Bangladesh. The full HydroSOS BaNe project proposal has been technically cleared by the Adaptation Fund Secretariat team and is expected to get approval for funding and implementation during the next Board meeting in April 2026. The project is expected to start its implementation possibly from July or August 2026.



Provision of Technical Expert Service to WMO/GWP on-going projects and initiatives

CREWS Cambodia and Lao PDR 2.0

Continuing the previous year's activities, WMO is leading the implementation of impact based flood early warning system in Cambodia and Lao PDR, enhancing the capacities of the national and regional stakeholders/institutions to provide hydro-met hazards monitoring and delivery warning services for early action and response measures to various agencies and international organizations. The APFM TSU with the SBPs (Asian Disaster Preparedness centre and CIMA Research Foundation) supported the project mainly to the NMHSs and disaster management agencies with the development of national flood and drought risk maps, hydrological modeling and impact-

based flood forecasting in the three pilot basins of Cambodia and Lao PDR and community-based flood management (supporting directly around 10,000 individuals) in Cambodia. The project will officially complete its implementation by July 2025 and the phase 2 of the project has been approved by the CREWS steering committee and will begin implementation from August 2025. The work plan for the phase 2 of the project will be discussed in the next project steering planned in November 2023.

CREWS Accelerator project in Nepal and Swedish contribution to the EW4All initiative in Bangladesh and development of CREWS components

The APFM TSU provided targeted technical support to both the CREWS Accelerator project in Nepal and Sweden's contribution to the EW4All initiative in Bangladesh (both end their implementation in December 2025), helping strengthen end-to-end early warning systems and flood preparedness in the participating countries. Key efforts focused on supporting the finalization of the EW4All roadmaps, delivering Common Alerting Protocol (CAP) training, and developing practical implementation plans to guide national and local implementation of the CAP. The programme also promoted community-based activities aimed at improving warning services, communication, and local response capacities to flood risks in targeted communities of Kathmandu, Nepal. In addition, it contributed to the finalization of the HydroSOS BaNe project proposal especially carrying out assessments of institutional capacities and needs to enhance integrated flood forecasting and early warning systems. Together, these activities have helped advance more coordinated, people-centred early warning approaches including cooperation and collaboration between different national and local agencies as well as between international and nongovernment organizations. The HydroSOS BaNe project will continue to build upon the results delivered through these two projects in the two countries and apply the tools, guidelines or implementation plans. The APFM TSU supported the development of CREWS components (result of the approval is awaited) for Bangladesh and Nepal to facilitate the implementation of the EW4All Roadmap especially on strengthening on hydrological and meteorological monitoring, forecasting and early warning services complementing the activities of HydroSOS BaNe project.

Integrated Flood and Drought Management (IFDM) project in Middle East Countries

During reporting period, the APFM Technical Support Unit (TSU) in joint consultation with other technical divisions and regional office, provided technical guidance and coordination support in preparing a pre-concept note for a proposed Integrated Flood and Drought Management (IFDM) project in Middle East countries (Iran, Iraq, Jordan and Syria), with the goal of enhancing regional cooperation and strengthening national resilience to climate-related water extremes. The pre-concept has been finalized and presently follow up countries is on-going to receive the endorsement letter for submission to the Adaptation Fund.

Other new opportunities – contribution from the SBPs

Early warning system related activities in the Lake Chad, Central Asia and Pacific regions.

The APFM TSU continued to support the design and development of various WMO pipeline projects which are focussed on early warning system for floods and drought. One of the advanced project [Lake Chad Basin](#) was approved and will start its implementation in the coming months. APFM TSU will inform in case of technical assistance and supported needed during implementation.

Similarly, other regional project pre-concept note in the regional South Asia Drought Management, and Zambezi river basin are being developed with the technical support of the APFM TSU and will be submitted to the Adaptation Fund for funding.

Gender mainstreaming capacity development workshops were organized in Cambodia and Lao PDR (during March-April 2025), and it is planned to be implemented in Nile Basin countries (during July 2026) and Bangladesh and Nepal (possibly in 2027) with the support of the APFM SBP Knowledge and Innovation (K&I). The experiences from the workshop will be useful to finalize the training manual and will be published for organizations or partners to apply the methodology in their country or region. The training manual has been already tested in various countries or regions such as Volta Basin, South Africa Development Cooperation (SADC), Caribbean, Costa Rica and lesson learnt, good practices have been incorporated in the refined training manual.

H2024 and 2025–Call for proposal preparation by the APFM SBPs

Some of the APFM SBPs (including other interested partners from Europe) collaborated to develop the WATER-CORD concept note to the [call for proposal Disaster-Resilient Society 2024 \(HORIZON-CL3-2024-DRS-01\)](#) from the European Union (HORIZON-RIA HORIZON Research and Innovation Actions). The concept note was submitted in November 2024, and it was approved for implementation after the technical screening from the European Union.

In 2025, APFM and partners developed the WATER-ACT project concept note (building upon the WATER-CORD project) and it was submitted for endorsement during November 2025 and result of the technical evaluation is still awaited (possibly in April 2026). WMO through APFM will lead and support in implementation of work packages ‘WP3. Evidence from past water-related disasters and WP4. Integrated disaster evidence and analysis’ and co-lead ‘WP9. Collaborative design, engagement and capacity building’.

Also, WMO joined as Associate Project Partner for the project Attribution and Forecasting of Climate-driven Extremes for Actionable Intelligence and Resilience Planning (ATTAIN) submitted under HORIZON-CL5-2025-DI-04 during September 2025. Unfortunately, the project was not approved following the technical review decision from the European Union.

Resource Mobilization and Outreach

The APFM TSU constantly organizes or attends appropriate events and conferences where its available resources and expertise can be presented to a wider audience. The programme outreach will also help disseminate existing tools and expertise, identifying new avenues for partnerships especially attracting donors to fund the core activities or pilot projects. Some of the events actively organized or attended by the TSU are highlighted below:

UNECE conference – Slovenia 2024 and Geneva 2025

The 10th session of the Meeting of the Parties to the UNECE Water Convention (MoP10) was held in Ljubljana, Slovenia from 23–25 October 2024, with participation from about 500 representatives from ~100 countries and numerous international organizations.

WMO participated actively as a partner organization at MOP10, contributing to discussions on transboundary water cooperation and the scientific and technical underpinnings of water risk management. WMO's collaboration with UNECE and other bodies reinforces its mandate to integrate weather and water data into policy for sustainable development and disaster risk reduction.

Also, APFM participated to the Global Workshop on Increasing Climate Resilience with Focus on Floods and Health at Transboundary and National levels organized by UNECE which took place on 19–20 March 2025 at the Palais des Nations, Geneva, Switzerland. It was organized under the UNECE Water Convention and the Protocol on Water and Health, with partnership from WHO/Europe, the International Network of Basin Organisations (INBO), and the World Meteorological Organization (WMO). WMO (through APFM TSU) was a joint partner in organizing the workshop, bringing hydrological, climatic and early warning expertise to discussions on transboundary flood risk and health impacts in a changing climate. WMO's involvement included sessions on:

- Associated Programme on Flood Management (APFM) and integrated flood risk approaches;
- Monitoring, data exchange and early warning systems for flood risk; and
- Presentation of work towards guidelines (e.g., on transboundary flood risk management)



ICFM-10 conference – WMO session – visibility of APFM

The World Meteorological Organization (WMO) is playing a prominent role at the [10th International Conference on Flood Management \(ICFM10\)](#), scheduled for 20–22 May 2026 in London, Ontario, Canada—a major global forum that brings together more than 500 experts, practitioners, governments and stakeholders to share advances in flood science, policy and practice. As part of its engagement, WMO is convening a dedicated special session at ICFM10 that focuses on impact-based hydrological forecasting and early warning systems. More than 30 paper abstracts were submitted from worldwide for the WMO session. Following the screening of the abstracts and confirmation from speakers to self-fund their travel, WMO has selected 12 speakers to present in two WMO sub-sessions during the ICFM 10 conference. These sessions will highlight the research and practice experiences from the modelling and forecasting and explore innovations and best practices for early warning services to reduce flood impacts. The special session aims to enhance knowledge exchange, foster collaboration among meteorological and hydrological services, disaster risk management entities and humanitarian partners, and contribute to advancing operational flood early warning systems globally. More information on WMO special session is available here: <https://wmo.int/events/wmo-special-session-10th-international-conference-flood-management-icfm10>

UN Water conference 2026– preparation and APFM visibility

The High-Level Preparatory Meeting for the 2026 UN Water Conference brought together governments, UN agencies, international organizations, civil society, the private sector and other stakeholders in Dakar, Senegal from 26–27 January 2026, with an additional OneDay Stakeholder Meeting on 25 January 2026 designed to mobilize broader multistakeholder inputs ahead of the main preparatory discussions. Within the **Dakar preparatory agenda**, WMO’s contributions through APFM TSU alongside other UN system partners—have helped shape discussions on governance, data, finance, capacity building and science innovation, all of which are central to accelerating progress on Sustainable Development Goal 6. WMO’s advocacy for accessible, quality water data and services also support linkages between water, climate resilience and disaster risk reduction in the preparatory dialogues. The head of APFM TSU Dr Hwirin Kim participated in multiple side events

such as Water at the Heart of Climate Action (WHCA) project first progress, strengthening the Evidence Base for Global Water Action: Data, Insights and Partnerships for the 2026 Water Conference organized by IWMI, UNESCO and OECD etc.-Level Preparatory Meeting for the 2026 UN Water Conference brought together governments, UN agencies, international organizations, civil society, the private sector and other stakeholders in Dakar, Senegal from 26–27 January 2026, with an additional One-Day Stakeholder Meeting on 25 January designed to mobilize broader multi-stakeholder inputs ahead of the main preparatory discussions.

For the Associated Programme on Flood Management (APFM) specifically, the preparatory process has provided opportunities to raise the profile of integrated flood management projects as a key operational and policy entry point for sustainable water management in global discussions.

World Water Forum 2027

The preparatory process for the 11th World Water Council World Water Forum, to be held in Riyadh in April 2027, has officially commenced. GWP is actively engaged in the preparatory phase including as a member of the Topic Coordination Group on Water-Related Disasters.

Through this role, GWP aims to promote an integrated approach to water-related disaster risk management, drawing on the joint experience APFM and the IDMP. The objective is to ensure that both flood and drought risk management are addressed within a coherent, risk-based framework that emphasizes prevention, preparedness, and resilience, in line with broader water security and climate adaptation agendas.

Third call for proposal for youth-led flood and drought management projects

The APFM and IDMP TSU and Water Youth Network collaborated to organize the 3rd annual competition for the youth-led project ideas and selected two winners for implementation of the concrete activities to support improved management of floods and drought in their country. Initially more than 330 submissions of project ideas were received and following the technical (based on criteria such as feasibility, socially innovative, effectiveness) and financial screening, the top 10 ideas were selected to develop the concept note including information on the involvement of stakeholders, budget plan, and sustainability etc. The ideas were then presented to the panelists from WMO, SC-HYD Vice chair, GWP, and WYN, and then the below two winners were selected for the project implementation. WMO is supporting a funding of 3000 CHF to the winners to implement their ideas and following successful implementation, WMO can adopt their ideas in their national and regional projects.

- 1) **Nigeria-Green Quest: Flood Resilience through Gamification and Community Action** ([full proposal](#))

- Educate and empower 2,500 youth and community members on flood resilience through interactive, gamified learning experiences.
 - Reduce flood risk in three flood-prone Lagos communities by implementing nature-based solutions such as rain gardens and permeable pavements.
 - Promote waste management and drainage maintenance by mobilizing 500 youth volunteers for clean-up drives and advocacy campaigns.
 - Integrate Indigenous knowledge and local expertise to create culturally relevant flood adaptation strategies.
- 2) **Uganda: SMART VILLAGE FOR CLIMATE ACTION SELF HELP (SV4CASH)** ([full proposal](#)) - Ministry of Water and Environment is the Lead Implementer
- To enhance communities' resilience (preparedness, response, and adaptation) to floods and drought events through youth involvement in Elegu town.
 - To carry out flood zone mapping and select a model village.
 - To train youths and local council leaders in SV4CASH initiatives as a new approach.
 - To identify and recommend flood intervention measures

The way forward

In 2026, the Associated Programme on Flood Management (APFM) will focus on translating the APFM Implementation Plan 2026–2028 into practical, demand-driven actions that strengthen integrated flood management (IFM), climate resilience, and people-centred early warning systems at local, national and global levels. The programme will continue aligning its work with WMO priorities, Member needs, and the UN Early Warnings for All (EW4All) initiative by expanding technical support, partnerships, and project development efforts at national, regional, and transboundary levels ensuring leveraging on the need for the core funding for the APFM programme implementation. In parallel, the APFM TSU will continue to implement on-going and planned projects such as WHCA, HydroSOS BaNe, community-based projects through CREWS initiatives as well as develop the full Volta Phase-2 project. The APFM requests for active participation of the SBPs as well as identify new opportunities through GWP, particularly its Regional and Country Water Partnerships (RWPs and CWPs). These would be submitted to the relevant call for proposal or financial institutions such as European Horizon, Adaptation Fund, global environment facility or national foreign affairs of EW4All supporting countries.

The APFM TSU will continue to operate and enhance the IFM HelpDesk and the integrated Water and Climate ServiceDesk to provide rapid technical assistance, policy advice, and knowledge exchange to governments, international organizations, academia, and practitioners linking with the Community of Practice for the flood forecasting and early warning system. The availability of the

joint ServiceDesk (floods, drought, agrometeorology, IWRM etc.) will help ensure a central and more coordinated response to user requests.

Collaboration with Support Base Partners (SBPs) will be further strengthened through regular virtual forums (every 3-6 months) to provide update on the APFM activities, webinars to share success stories and joint project proposal development opportunities. APFM will actively seek new opportunities to collaborate with existing SBPs on emerging projects, including initiatives linked to EW4All, hydrological forecasting, and climate change adaptation. At the same time, the programme will pursue outreach and resource mobilization efforts to attract new SBPs, broaden technical expertise, and enhance geographic coverage.

Finally, APFM will continue to identify funding opportunities through bilateral engagement with donors and financial institutions to support core activities and through participation in international calls for proposals to implement IFM concepts. Through these actions, APFM aims to reinforce its role as a global technical partner supporting integrated flood management and climate-resilient water management systems worldwide.

Annex-1 List of IFM HelpDesk Requests between August 2024-December 2025

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 December 2025, 718 requests have been received, averaging around 42 per year. Of these 718, 45 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 fulfillment of HelpDesk requests of around 94%.

As shown in Figure 1 the most abundant type of request has been the "rapid guidance" (371 requests – 51.67%), followed by capacity building (248 requests – 34.54%). The category "assistance for strategy" covers around one-seventh of the total requests 13.79% (99 requests) from 2009 to December 2025.

Regarding the requesting institutions, "International Organizations" (288 requests – 38.02%) is the category that made the most use of the HelpDesk, as shown in Figure 2. The remaining requests were from governmental agencies (23.68%), universities or academic institutions (20.33%), NGOs or private consulting companies (17.55%), and from others¹ (0.42%).



Figure 1: Percentage of requests by type between 2009-2025 **Figure 2: Percentage of requests by institution type between 2009-2024**

The proportion of IFM Helpdesk remains relatively high (52 requests) this year but a bit less compared to the previous years with the number of requests, i.e., 2022-2023 (75 requests), 2020-2021 (62 total requests- 13 months accounted) etc. as shown in Figures 3 and 4.

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.

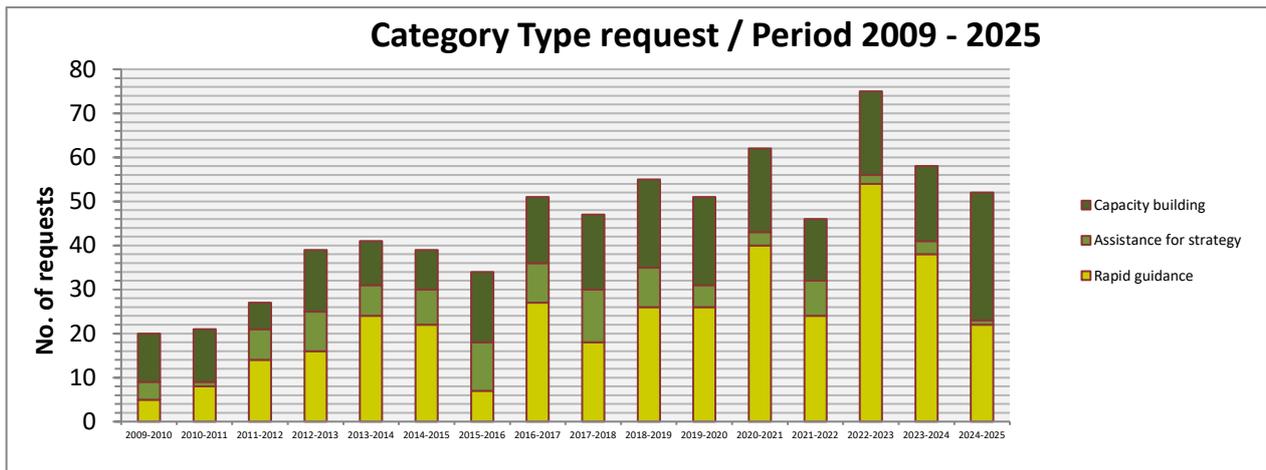


Figure 3. No. of requests among the three category types and reporting period (2009-2025)

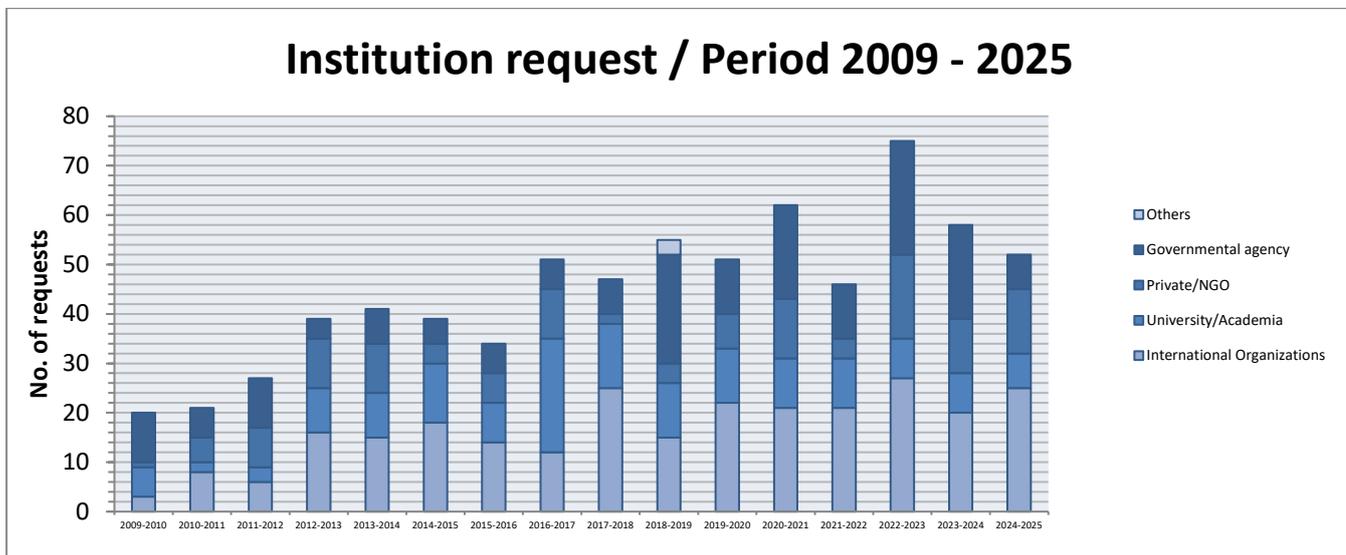


Figure 4. No. of requests by Institution requesting and reporting period (2009-2025)

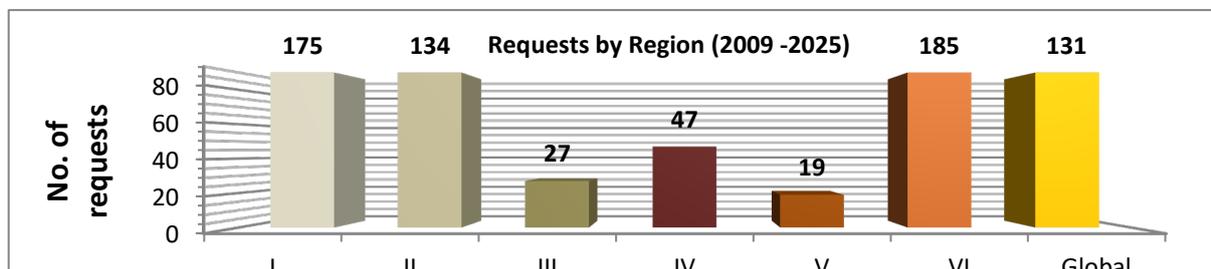


Figure 5. No. of requests by geographical distribution since 2009

In terms of countries targeted as a result of HelpDesk requests, Figure 5 shows Regional Associations (RA) VI Europe and I-Africa as the regions that have mostly benefitted from APFM interventions (185 and 175 requests requested since HelpDesk inception), followed by RA II – Asia



(134 requests), RA IV (47), RA III (27) and RA V (19). In addition, 131 requests fall under the category “Global”, which might reflect activities impacting the global, regional or transboundary level. A distribution by year is provided in Figure 6.

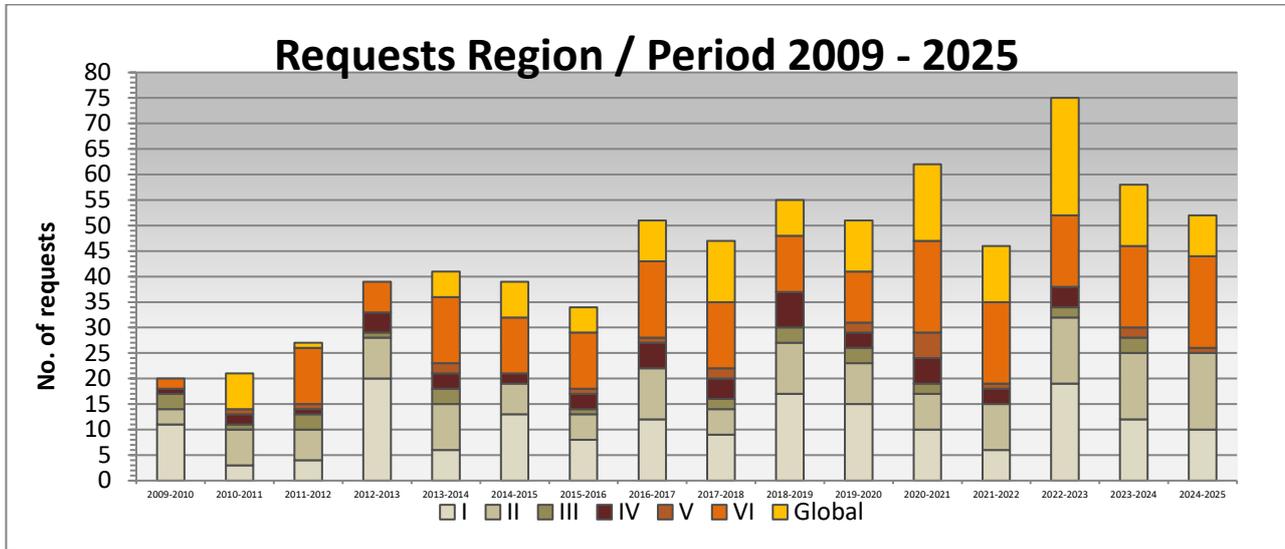


Figure 6. No. of requests by geographical distribution and reporting period

During the reporting period (September 2024–December 2025), 52 requests were received and most of them were responded to with necessary action: of these, 3 are either ongoing or action is planned for the next reporting period.

A brief summary of the 52 HelpDesk requests received in the reporting period is provided in the table below. The majority of the 52 requests have been addressed. Prior to this reporting period, 666 requests were made and documented in previous annual reports.

Requests received by TSU in the framework of the HelpDesk						
Requests		Received from 09/2024 to 12/2025			Status:	
(No 1-666)		not displayed (see previous annual reports)			621 Completed, 45 discarded	
No.	Date	Institution, Country	Category (Request came through HelpDesk form or contacts)	Impact (Region or Global)	Type of request	Status

			in WMO or in GWP)			
667	Sept-24	Ghana Meteorological Agency (Government Agency)	Capacity development (WMO)	I	Request for technical support to review the EW4All roadmap	Completed
668	Sept-24	WMO internal division (International Organization)	Rapid Guidance (WMO)	VI	Request for providing information on EWS for Nigeria	Completed
669	Sept-24	Viet Nam Meteorological and Hydrological Administration (Government Agency)	Capacity development (WMO)	II	Request for technical support to develop IFM projects for RA-II Asia region	Completed
670	Sept-24	UNECE (International Organization)	Capacity development (WMO)	VI	Request for organizing APFM side event during Meeting of the Parties to the Water Convention	Completed
671	Sept-24	Individual (Academia and University)	Rapid Guidance (WMO)	Global	Request for information on AI/ML use in Hydrology	Completed (no response after initial communication)
672	Sept-24	Tumbes water resources council (Government Agency)	Rapid Guidance (WMO)	VI	Request for freely available water data and EWS platform	Completed

673	Sept-24	Meteo Romania (Government Agency)	Capacity Development (WMO)	VI	Request for participating to the EU call for proposal	Completed
674	Oct-24	Sustainability Coalition (Private Companies and NGOs)	Rapid Guidance (WMO)	VI	Request for support in EW4All publication	Completed
675	Oct-24	Sustainability Coalition (Private Companies and NGOs)	Rapid Guidance (WMO)	VI	Request for review of publication on Chennai floods	Completed
676	Oct-24	K&I (Private Companies and NGOs)	Rapid Guidance (WMO)	I	Contac information for World Bank opportunity Guidance on Flood Risk Management in West Africa	Completed
677	Oct-24	Antea Group (Private Companies and NGOs)	Capacity Building (GWP)	I	Request for flood proposal development	Completed
678	Oct-24	Global Water Partnership (International Organisation)	Capacity Building (GWP)	III	Request to speak at Buenos Aires Water Week on flood and drought	Completed
679	Nov-25	K&I (Private Companies and NGOs)	Rapid Guidance (WMO)	I	Request for collaboration on IKI small grant call for proposal	Completed
680	Dec-25	Antea group (Private companies and NGOs)	Rapid Guidance	I	Request for stakeholders' information in the ECOWAS countries	Completed

681	Jan-25	Student (Academia and University)	Rapid Guidance	Global	Request for information on flood EWS in Africa	Completed
682	Jan-25	World Bank (International Organization)	Rapid Guidance	I	Present APFM project at Flood management conference in Ethiopia	Completed
683	Jan-25	RCUWM (International Organization)	Capacity Development (WMO)	II	Support on urban flood risk management workshop in Tehran, Iran	Completed
684	Jan-25	CREWS (International Organization)	Capacity Development (WMO)	II	Facilitate the workshop on gender mainstreaming on IFM and E2E-EWS-Floods	Completed
685	Jan-25	UNECE (International Organization)	Rapid Guidance (WMO)	Global	Present APFM for the UNECE Members during global transboundary flood and health conference	Completed
686	Jan-25	K&I (International Organization)	Rapid Guidance (WMO)	Global	WMO contact for EU call proposal development in Africa	Completed
687	Feb-25	NBI (International Organization)	Rapid Guidance (WMO)	I	Present APFM projects during the NBI webinar	Completed

688	Mar-25	CIMA Research Foundation (International organization)	Capacity Development (WMO)	II	Request for co-developing article on Impact based forecasting approach of Cambodia and Lao PDR	Completed
689	Mar-25	Save Water Safe Water (Private Companies and NGO)	Assistance for Strategy (WMO)	II	Request for developing IFM Pilot Project	Completed
690	Mar-25	WMO internal division (International Organization)	Rapid Guidance (WMO)	II	Request for co-developing proposal for CREWS Cambodia and Lao PDR	Completed
691	Apr-25	WMO internal division (International Organization)	Rapid Guidance (WMO)	II	Request to review NDC3.0 of Nepal	Completed
692	May-25	WWRP project, WMO (International organization)	Capacity development (WMO)	Global	Request to present EW4All and community-based approaches	Completed
693	May-25	IWMI (International organization)	Capacity development (WMO)	II	Request to present EW4All related information	Completed
694	May-25	Private Bank (Private companies and NGO)	Capacity development (WMO)	II	Request to present APFM activities during Ecumene Global Forum.	Completed
695	June-25	Vortex.io (Private companies and NGOs)	Capacity development (WMO)	VI	Participation to the WHYLD project closing workshop	Completed

696	June-25	Students and Professor, Korea Environmental Industry & Technology Institute (Academia and University)	Capacity development (WMO)	II	Support in sharing WMO activities and projects on hydrology	Completed
697	June-25	GWP-SEE (International organization)	Capacity Development (WMO)	VI	Request to collaborate on EU call for proposal on EWS and DRM	Completed
698	July-25	WMO internal division (International Organization)	Capacity Development (WMO)	I	Request for information on hydrological research study in West Africa	Completed
699	July-25	OCHA (International Organization)	Capacity Development (WMO)	Global	Support in using FFGS for humanitarian purposes	Completed
700	July-25	ITU (International organization)	Capacity Development (WMO)	Global	Presenting IFM projects during AI summit 2025	Completed
701	July-25	WMO internal (International Organization)	Capacity Development (WMO)	I	Presenting IFM projects in RA I (Africa) Hydrological Forum	Completed
702	July-25	EOTEC DevNet (Government Agency)	Rapid Guidance (WMO)	II	Request to present IFM projects of WMO	Completed
703	Aug-25	Independent consultant, CREWS (Private entities and NGOs)	Rapid Guidance (WMO)	I	Peer review of the SOPs for Early warning services in Mozambique	Completed

704	Aug-25	RCUWM (International organization)	Rapid Guidance (WMO)	II	Review of Guideline on IFM and IDM	On-going
705	Aug-25	Wageningen University (Academia and University)	Capacity Development (WMO)	VI	Request for collaborating in IFM Pilot Project under EU call for proposal	Completed
706	Sept-25	UNHCR (International Organization)	Capacity Development (WMO)	Global	Support on myDewetra access and available products on flood monitoring	Completed
707	Sept-25	RCUWM (International Organization)	Capacity Development (WMO)	II	Support on regional IFM workshop in Iraq	Completed
708	Sept-25	Meteo Romania (Government Agency)	Capacity Development (WMO)	VI	Request to collaborate on EU call for proposal on water related hazards	Completed
709	Sept-25	GWPO (International organization)	Capacity Development (WMO)	I	Request to present IFM HelpDesk related information	Completed
710	Oct-25	Student (University and Academia)	Capacity Development (WMO)	I	Interest to collaborate in WMO project implemented in East Africa	Completed
711	Oct-25	Climate Application and Prediction Centre of Central Africa (Government Agency)	Capacity Development (WMO)	I	Request for pilot project in central Africa (Congo Basin)	Completed

712	Oct-25	Deltares (NGOs and private companies)	Rapid Guidance (WMO)	VI	Review and inputs on water-related collaboration NL-WMO	Completed
713	Nov-25	WMO internal division (International Organization)	Capacity Development (WMO)	Global	Sharing of the IFM HelpDesk establishment and operational information for CAP HelpDesk	Completed
714	Dec-25	Student, IIHR - Hydroscience & Engineering (University and Academia)	Rapid Guidance (WMO)	Global	Support in providing information on discharge measurement challenges	Completed
715	Dec-25	WMO internal division (International Organization)	Rapid Guidance (WMO)	V	Request for inputs on Call for Proposals: Preparing for multi-hazard risks along coastal hotspots	On-going
716	Dec-25	Private entity (NGOs and private companies)	Rapid Guidance (WMO)	I	Contact for submitting the tender proposal	Completed
717	Dec-25	Student (University and Academia)	Rapid Guidance (WMO)	II	Request for reviewing concept note on ponds restoration and water quality	Completed
718	Dec-25	RCUWM (International Organization)	Capacity Development (WMO)	II	Request for support on Flood and sediment workshop-Iran	On-going



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Or visit: www.floodmanagement.info