



Our ref.: 2026/RA V/ET Nomination

17 March 2026

Annexes: 3 (available in English only)

Subject: Nomination of experts for the RA V Expert Teams

Action required: Submit nominations and/or reconfirm experts for the RA V Expert Teams by **7 April 2026**

Dear Sir/Madam,

I refer to Phase I of the nineteenth session of Regional Association V (RA V-19(I)) held from 9 to 11 September 2025.

The session agreed to re-establish two Working Groups (WGs) – i.e., on Services and Infrastructure (WG-S and WG-I, respectively) and the Tropical Cyclone Committee for the South Pacific and South-East Indian Ocean (TCC); and establish the Coordination Panel on Hydrology and Water Resources (CP/H) (to replace the Working Group on Hydrology and Water Resources), as given in [Annex I](#). Subsequently, the Chairs of the WGs, in consultation with the Secretariat, developed a proposal for Expert Teams (ETs) under the WGs and the associated Terms of Reference (ToR). The proposal was reviewed and approved by the RA V Management Group (MG) as given in [Annexes II](#) and [III](#), respectively.

Taking this opportunity, I wish to express my sincere gratitude to all RA V experts for their invaluable contributions in their respective roles during the previous intersessional period. I strongly encourage these experts to continue their service for this intersessional period (2025–2029) to ensure continuity.

In this regard, I would like to invite you to nominate (or reconfirm) experts with relevant experience and with due consideration of those who are already active in the RA V working structure and the relevant technical commissions and the Research Board of WMO, as well as in other relevant expert groups in the region, such as those under the Pacific Meteorological Council (PMC) or the Association of Southeast Asian Nations (ASEAN), to serve on the RA V ETs. I strongly encourage nominations of working-level experts, particularly those active in related groups at the sub-regional level, to ensure better alignment and dovetailing of shared outcomes.

To assist in your selection and to ensure the support of your Service, the estimated annual time commitment for each role is outlined in the table below.

Membership Category	Estimated Days per Year	Key Activities
Leader/Co-leader	15–20 Days	Participation in regular coordination meetings, including those of the WGs, convene regular ET meetings work plan management, reporting to WG/MG, and final review of deliverables.
Core Member	10–15 Days	Participation in regular ET meetings, drafting technical papers, and data analysis.
Associate Member	5 Days (or less)	Occasional consultation, review of specific draft sections, and participation in ad-hoc topical webinars.

To: Permanent Representatives of RA V Members with WMO

Cc: National Hydrological Advisers

Mr Ben Churchill, Director, WMO Regional Office for Asia and the South-West Pacific (RAP)

Please note that while the RA V MG will endorse the ET leaders and co-leaders, the Chairs/Vice-chairs of WGs will finalize the core and associate membership. The membership of ETs will be published on the [RA V Knowledge Hub](#) upon completion of the selection process.

Furthermore, the positions of Chair and Vice-Chair of CP/H remain vacant. I kindly request you to consider nominating experts for these leadership roles in coordination with your national hydrology-related entities. These roles would typically coincide with the Leader role of hydrology-related ETs.

Nominations should include a one-page curriculum vitae for each expert and can be directed to myself (laitiaf@met.gov.to) and copied to Mr Ryuji Yamada, Programme Manager at the WMO Regional Office for Asia and the South-West Pacific (RAP) of the WMO Secretariat (ryamada@wmo.int and rap@wmo.int), preferably **before 7 April 2026**.

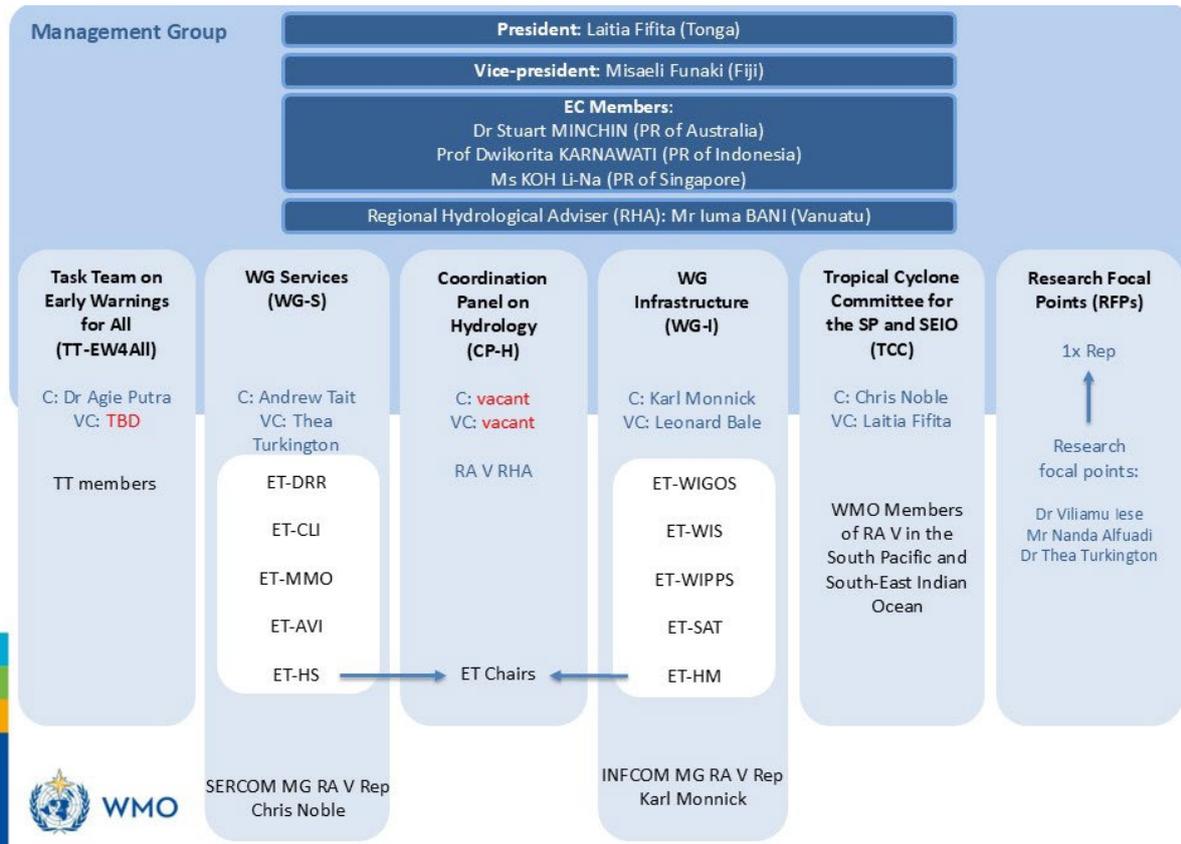
Taking this opportunity, I would like to convey my sincerest appreciation for your continued support to WMO RA V activities. Your contributions have been essential to our collective achievements.

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'Laitia Fifita', with a stylized flourish at the end.

Mr Laitia Fifita
President of Regional Association RA V

RA V Working Structure



Expert Terms under the RA V Working Group on Services

1. Substructure

- Expert Team on Services for Disaster Risk Reduction (ET-DRR)*
- Expert Team on Climate Services (ET-CLI)
- Expert Team on Hydrological Services (ET-HS)**
- Expert Team on Marine Meteorological and Oceanographic Services (ET-MMO)
- Expert Team on Services for Aviation (ET-AVI)

* Previously Expert Team on Multi-Hazard Early Warning Systems (ET-MHEWS)

** integrated into the WG-S following the shift from a WG on Hydrology (WG-H) to a Coordination Panel on Hydrology and Water resources (CP-H) in RA V.

2. ToR of the RA V WG-S

The nineteenth session of RA V (Phase I) in September 2025 (RA V-19(I)) approved the following ToR of the RA V WG-S:

- (1) The RA V Working Group on Services (WG-S) supports the implementation of services-related resolutions and decisions regionally with the following ToR:
 - (a) Follow up on the resolutions, decisions and recommendations of Cg, EC, RAV and RAV MG, addressing services- and application-related matters (WMO Long-Term Goals (LTGs) 1, 3, and 4), for the activities to be undertaken at a regional level;
 - (b) Identify and regularly monitor critical gaps and needs for new and improved services and analyse related capabilities among Members, particularly for developing Members, including (but not exclusively) the implementation of the regional aspects of the Global Multi-hazard Alert System (GMAS), operationalization of objective seasonal forecasts and associated tailored products, Regional Climate Outlook Forums (RCOFs) and Regional Climate Forums (RCFs) and develop a road map and regional implementation plan to support improvements and capacity development activities (LTG 4), to be included in the RA V Operating Plan (Work Programme);
 - (c) Draft and update on a regular basis the RA V Operating Plan (Work Programme) for the relevant components pertaining to services and applications, and monitor the progress of the implementation for the Association's review and approval;
 - (d) Design and propose a substructure, such as Expert Teams (ETs)/Joint Expert Teams (JETs) and Focal Points (FPs), along with their ToR, suggested composition and expected deliverables, as necessary, to implement agreed activities in the RA V Operating Plan (Work Programme), for RAV MG's approval;
 - (e) Oversee the governance of regional subprogrammes of the WMO Severe Weather Forecasting Programme (SWFP) in RA V and establish reporting mechanisms to the WG-S from the respective Regional Subprogramme Management Teams (RSMTs);

- (f) Provide feedback to and consult with the Commission for Weather, Climate, Hydrological, Marine and Related Environmental Services and Applications (SERCOM), including through the RAV representative on the SERCOM MG, SERCOM experts from RAV and experts serving on both SERCOM and RAV subsidiary bodies, on RAV Members' requirements and needs on weather, climate, hydrological, marine and related environmental services and applications and on the implementation of technical priorities and associated capacity-development activities, including providing inputs to the proposed work programme of the Commission;
- (g) Collaborate with RAV Members, SERCOM and other bodies and mechanisms, as necessary, to support the reviewing and auditing of relevant regional centres established by WMO bodies, ensuring that the services and functions being delivered by them continue to respond to the needs of the region and are in compliance with WMO standards and guidelines;
- (h) Facilitate the production of the annual State of the Climate in the South-West Pacific report;
- (i) Propose RAV events and share information on these in advance, with the support of Members;
- (j) Facilitate the sharing of knowledge, experience, and technology among RAV Members, in collaboration with other bodies and mechanisms;
- (k) Submit annual reports to the RAV MG, according to the RAV Operating Plan (Work Programme), and share the report with Members and the SERCOM MG.

3. ToRs of the RAV WG-S' ETs

3.1 ET-DRR

Under the specific guidance of the Regional Association V (South-West Pacific) Working Group on Services (RAV WG-S) and the overall guidance of the RAV Management Group (MG), the RAV Expert Team on Services for Disaster Risk Reduction (ET-DRR) will:

- (1) Follow up on the resolutions, decisions and recommendations of the World Meteorological Congress (Cg), WMO Executive Council (EC), WMO technical commissions and research board, RAV, and the RAV MG, addressing and leading on services for DRR and related matters;
- (2) Identify and regularly monitor critical gaps and needs for new and improved services for DRR, analyse related capabilities of RAV Members, and provide proposals to address gaps;
- (3) Promote strengthening of services for DRR through planning, implementing or assisting with, and evaluating capacity development activities, in collaboration with Regional Training Centres (RTCs) and other centres in the region, including:
 - (a) Strengthening of multi-hazard early warning systems (MHEWSs), prioritizing activities in the Least Developed Countries (LDCs) and Small Island Developing States (SIDS) of RAV;
 - (b) Enhancement of impact- and risk-based forecast and warning products and services to enable better preparedness and response to hydrological and meteorological hazard events at all levels, including through the Severe

Weather Forecasting Programme (SWFP) sub-programmes in RA V and the RA V Tropical Cyclone Committee (TCC);

- (c) Implementation of the WMO Cataloguing Hazardous Events (CHE) initiative;
 - (d) Implementation of the Common Alerting Protocol (CAP);
 - (e) Contributions to the WMO Coordination Mechanism to assist humanitarian activities (WCM);
 - (f) Implementation of Business Continuity Management (BCM) at National Meteorological and Hydrological Services (NMHSs);
- (4) Facilitate knowledge sharing through webinars, events, and publications;
- (5) Facilitate NMHSs' mobilization of strategic resources involving development partners and national governments, and assist Members in:
- (a) Developing long-term strategies and operational plans to address the identified capacity needs for MHEWSs;
 - (b) Developing and implementing of services for DRR-related extrabudgetary projects as feasible;
- (6) Coordinate and collaborate with relevant subsidiary bodies of the Commission for Weather, Climate, Hydrological, Marine, and related Environmental Services and Applications (SERCOM) and other WMO groups as necessary and provide advice to the RA V WG-S on the above issues;
- (7) Coordinate and collaborate, as appropriate, with other relevant organizations and (sub)regional expert teams/groups outside of WMO in order to minimize duplication of work and maximize collaboration, establishing strategic, functional, and mutually beneficial development partnerships and alliances with the key global, regional and national entities within the United Nations, intergovernmental and nongovernmental organizations, the private sector, and academia;

Membership: A leader and co-leader, core experts, associate experts, observers from partners, supported by the WMO Secretariat's Regional Office for Asia and the South-West Pacific (RAP).

Work modalities: ET meetings are held ideally at least four times a year, aligned with relevant RA V and WMO meetings and deadlines. The meeting format is online by default, unless in-kind contributions from one or more Members or extra-budgetary resources make a physical meeting possible. An online workspace for collaborating on documents and sharing of information will be provided by the WMO Secretariat.

3.2 ET-CLI

Under the specific guidance of the Regional Association V (South-West Pacific) Working Group on Services (RA V WG-S) and the overall guidance of the RA V Management Group (MG), the RA V Expert Team on Climate Services (ET-CLI) will:

- (1) Follow up on the resolutions, decisions and recommendations of the World Meteorological Congress (Cg), WMO Executive Council (EC), WMO technical commissions and research board, RA V, and the RA V MG, addressing and leading on climate services and related matters, including:

- (a) Fostering the development of climate information and prediction services in the region across all climate timescales – sub-seasonal, seasonal, multi-annual, decadal, and beyond – within the Global Framework for Climate Services (GFCS) for sectors such as agriculture, fishery, water, energy, and health for better urban planning and disaster risk reduction;
 - (b) Facilitating the development of reports on the evaluation of services provided by the Regional Climate Centre (RCC) nodes to the president of RA V through the Chair of the WG-S and to assist in the WMO designation process of RCC networks;
- (2) Identify and regularly monitor critical gaps and needs for new and improved climate services, analyse related capabilities of RA V Members, and provide proposals to address gaps;
 - (3) Promote strengthening of climate services through planning, implementing or assisting with, and evaluating capacity development activities in collaboration with Regional Training Centres (RTCs) and other centres in the region, including:
 - (4) Facilitate and support knowledge sharing through webinars, events, generation of stocktakes, and publications, including:
 - (a) Providing guidance on updating data management practices, including quality criteria and specifications based on evolving – and requirements of – climate services at all timescales, including for regional and national levels;
 - (b) Guiding the use of standardized and user-targeted approaches required for the operational functioning of the Climate Services Information System (CSIS) at the regional (RCCs) and national (National Meteorological and Hydrological Service (NMHS)) levels, covering the systematic generation and exchange of climate data, climate monitoring, analysis of high impact events, climate prediction (including objective forecast products), and climate change projections.
 - (c) Providing technical advice on strengthening the Regional and National Climate Outlook Forums (RCOFs/NCOFs)/Regional Climate Forums (RCFs), so as to facilitate the sustained exchange of data and products relevant to current and evolving user needs and requirements for climate services;
 - (d) Sharing on tailored or sector-specific climate products;
 - (e) Regular publication of the RA V Regional State of the Climate Reports;
 - (5) Advise on proposals for and assist with the implementation of climate services-related extrabudgetary projects as feasible;
 - (6) Coordinate and collaborate with relevant subsidiary bodies of the Commission for Weather, Climate, Hydrological, Marine, and related Environmental Services and Applications (SERCOM) and other WMO groups as necessary and provide advice to the RA V WG-S on the above issues
 - (7) Coordinate and collaborate, as appropriate, with other relevant organisations and (sub)regional expert teams/groups outside of WMO in order to minimize duplication of work and maximize collaboration

Membership: A leader and co-leader, core experts, associate experts, observers from partners, supported by the WMO Secretariat's Regional Office for Asia and the South-West Pacific (RAP).

Work modalities: ET meetings are held ideally at least four times a year, aligned with relevant RA V and WMO meetings and deadlines. The meeting format is online by default, unless in-kind contributions from one or more Members or extra-budgetary resources make a physical meeting possible. An online workspace for collaborating on documents and sharing of information will be provided by the WMO Secretariat.

3.3 ET-HS

Under the specific guidance of the Regional Association V (South-West Pacific) Working Group on Services (RA V WG-S) and the overall guidance of the RA V Management Group (MG), the RA V Expert Team on Hydrological Services (ET-HS) will:

- (1) Follow up on the resolutions, decisions and recommendations of the World Meteorological Congress (Cg), WMO Executive Council (EC), WMO technical commissions and research board, RA V, and the RA V MG, addressing and leading on hydrological services and related matters;
- (2) Identify and regularly monitor critical gaps and needs for new and improved hydrological services (hydrological forecasting and water resources management), analyse related capabilities of RA V Members, and provide proposals to address gaps;
- (3) Promote strengthening of hydrological services through planning, implementing or assisting with, and evaluating capacity development activities in collaboration with Regional Training Centres (RTCs) and other centres in the region, including through:
 - (a) Supporting the development and implementation of the Quality Management Framework for Hydrology in RA V;
 - (b) Supporting Members in using software/tools/products on hydrological forecasting and early warning, and water resources assessment/management as needed, to reduce the risk of water-related disasters and to assist decision-making under climate variability and change;
 - (c) Guiding Members with the implementation of the Outlook component of the WMO Global Hydrological Status and Outlook Systems (HydroSOS);
 - (d) Encouraging the implementation of the WMO Flood Forecasting Initiative (FFI) and ensuring that the hydrological components of the Coastal Inundation Forecasting Initiative (CIFI), Flash Flood Guidance System (FFGS), and Severe Weather Forecasting Programme (SWFP) sub-programmes in RA V consider hydrometeorological data, product, and forecast requirements;
 - (e) The use of the Associated Programme on Flood Management (APFM) and Integrated Drought Management Programme (IDMP) HelpDesk among RA V Members for the development of extrabudgetary projects, capacity-development, and knowledge sharing activities;
- (4) Facilitate knowledge sharing through webinars, events, and publications, including through:
 - (a) Promoting knowledge and understanding among RA V Members of their hydrological services and WMO activities related to hydrology in the region;
 - (b) Participating in RA V Hydrological Advisers' Fora, Regional Hydrological Assemblies and other meetings, as requested by the Chair of the RA V

Coordination Panel on Hydrological and Water Resources (CP-H) and the Regional Hydrological Adviser (RHA) to the President of RA V;

- (c) Contributing to the State of Global Water Resources Reports/Regional Statements;
- (5) Advise on proposals for and assist with the implementation of hydrological services-related extrabudgetary projects as feasible;
- (6) Coordinate and collaborate with relevant subsidiary bodies of the Commission for Weather, Climate, Hydrological, Marine, and related Environmental Services and Applications (SERCOM) and other WMO groups as necessary, promote their respective communities of practice, and provide advice to the RA V WG-S on the above issues;
- (7) Coordinate and collaborate, as appropriate, with other relevant organisations and (sub)regional expert teams/groups outside of WMO in order to minimize duplication of work and maximize collaboration.

Membership: A leader and co-leader, core experts, associate experts, observers from partners, supported by the WMO Secretariat's Regional Office for Asia and the South-West Pacific (RAP).

Work modalities: ET meetings are held ideally at least four times a year, aligned with relevant RA V and WMO meetings and deadlines. The meeting format is online by default, unless in-kind contributions from one or more Members or extra-budgetary resources make a physical meeting possible. An online workspace for collaborating on documents and sharing of information will be provided by the WMO Secretariat.

3.4 ET-MMO

Under the specific guidance of the Regional Association V (South-West Pacific) Working Group on Services (RA V WG-S) and the overall guidance of the RA V Management Group (MG), the RA V Expert Team on Marine Meteorological and Oceanographic Services (ET-MMO) will:

- (1) Follow up on the resolutions, decisions and recommendations of the World Meteorological Congress (Cg), WMO Executive Council (EC), WMO technical commissions and research board, RA V, and the RA V MG, addressing and leading on marine meteorological and oceanographic services and related matters;
- (2) Identify and regularly monitor critical gaps and needs for new and improved marine meteorological and oceanographic services, including:
 - (a) Analysis of related capabilities of RA V Members, and proposals to address these gaps;
 - (b) Identification critical gaps in marine data coverage, liaising with the RA V Working Group on Infrastructure's Expert Team on Regional WIGOS Implementation (WG-I/ET-WIGOS) to address these gaps through the integrated design of observing networks;
- (3) Promote strengthening of marine meteorological and oceanographic services through planning, implementing or assisting with, and evaluating capacity development activities in collaboration with Regional Training Centres (RTCs) and other centres in the region, including through:

- (a) Promoting the development of coastal inundation and storm surge projects in the region, such as the Coastal Inundation Forecasting Initiative (CIFI);
 - (b) Supporting the development of new operational capacity, specialized training, effective outreach and mitigation by leveraging existing efforts;
- (4) Facilitate knowledge sharing through webinars, events, and publications, such as:
- (a) Facilitating the uptake of modern technologies and application of quality management principles in marine service delivery;
 - (b) Ensuring Members contribute to the met-ocean requirements and benefit from all products and services;
- (5) Advise on proposals for and assist with the implementation of marine meteorological and oceanographic services-related extrabudgetary projects as feasible;
- (6) Coordinate and collaborate with relevant subsidiary bodies of the Commission for Weather, Climate, Hydrological, Marine, and related Environmental Services and Applications (SERCOM) and other WMO groups as necessary and provide advice to the RA V WG-S on the above issues;
- (7) Coordinate and collaborate, as appropriate, with other relevant organisations and (sub)regional expert teams/groups outside of WMO in order to minimize duplication of work and maximize collaboration.

Membership: A leader and co-leader, core experts, associate experts, observers from partners, supported by the WMO Secretariat's Regional Office for Asia and the South-West Pacific (RAP).

Work modalities: ET meetings are held ideally at least four times a year, aligned with relevant RA V and WMO meetings and deadlines. The meeting format is online by default, unless in-kind contributions from one or more Members or extra-budgetary resources make a physical meeting possible. An online workspace for collaborating on documents and sharing of information will be provided by the WMO Secretariat.

3.5 ET-AVI

Under the specific guidance of the Regional Association V (South-West Pacific) Working Group on Services (RA V WG-S) and the overall guidance of the RA V Management Group (MG), the RA V Expert Team on Services for Aviation (ET-AVI) will:

- (1) Follow up on the resolutions, decisions and recommendations of the World Meteorological Congress (Cg), WMO Executive Council (EC), WMO technical commissions and research board, RA V, and the RA V MG, addressing and leading on services for aviation and related matters;
- (2) Identify and regularly monitor critical gaps and needs for new and improved services for aviation, including:
 - (a) Analysis of related capabilities of RA V Members and proposals to address these gaps;
 - (b) Assistance with monitoring developments in the provision of aeronautical meteorological services;

- (3) Promote strengthening of services for aviation through planning, implementing or assisting with, and evaluating capacity development activities in collaboration with Regional Training Centres (RTCs) and other centres in the region, including through:
 - (a) Facilitating the uptake of modern technologies, transforming services to adhere to new international standards, and addressing deficiencies in service provision;
 - (b) Providing advice and assistance, where appropriate, to Members on the matter of cost recovery;
 - (c) Supporting Members' implementation and maintenance of quality management systems (QMS);
 - (d) Activities enabling Members to acquire the qualifications and competencies required for effective aeronautical meteorological service provision, and the implementation of a sustainable competency assessment framework;
- (4) Facilitate and promote knowledge sharing through webinars, events, and publications, such as:
 - (a) Experience and good practices with the uptake and exchange of scientific and technological advancements to meet evolving user requirements for high-quality, borderless, harmonized, and cost-effective aeronautical meteorological information and services;
 - (b) Best practices on the implementation and maintenance of quality management systems, qualifications, and competency assessments;
 - (c) Transformation of services to adhere to new international standards;
- (5) Advise on proposals for and assist with the implementation of services for aviation-related extrabudgetary projects as feasible;
- (6) Coordinate and collaborate with relevant subsidiary bodies of the Commission for Weather, Climate, Hydrological, Marine, and related Environmental Services and Applications (SERCOM) and other WMO groups as necessary and provide advice to the RA V WG-S on the above issues;
- (7) Coordinate and collaborate, as appropriate, with other relevant organisations and (sub)regional expert teams/groups outside of WMO in order to minimize duplication of work and maximize collaboration – specifically identify regional International Civil Aviation Organization (ICAO) activities and training opportunities to strengthen the engagement of Members with stakeholders in the aviation community at the national and regional levels;

Membership: A leader and co-leader, core experts, associate experts, observers from partners, supported by the WMO Secretariat's Regional Office for Asia and the South-West Pacific (RAP).

Work modalities: ET meetings are held ideally at least four times a year, aligned with relevant RA V and WMO meetings and deadlines. The meeting format is online by default, unless in-kind contributions from one or more Members or extra-budgetary resources make a physical meeting possible. An online workspace for collaborating on documents and sharing of information will be provided by the WMO Secretariat.

Expert Teams under RA V Working Group on Infrastructure (WG-I)**1. Substructure**

- Expert Team on Regional WIGOS Implementation (ET-WIGOS)
- Expert Team on WIS (ET-WIS)
- Expert Team on WIPPS (ET-WIPPS)
- Expert Team on Satellite Utilization (ET-SAT)
- Expert Team on Hydrometry (ET-Hydrometry)

2. ToR of the RA V WG-I

The nineteenth session of RA V (Phase I) in September 2025 (RA V-19(I)) approved the following ToR of the RA V WG-I:

- (1) The RA V Working Group on Infrastructure (WG-I) supports the implementation of infrastructure-related resolutions and decisions regionally with the following ToR:
 - (a) Follow up on the resolutions, decisions and recommendations of Cg, EC, RA V and RA V MG, addressing infrastructure-related matters (LTGs 2 and 4) for the activities to be undertaken at a regional level;
 - (b) Identify and assess critical gaps and opportunities for improvement in RA V Members' capabilities, particularly for developing Members, to implement WMO standards and regulations, including the implementation of the regional aspects of WIGOS, WIS 2.0 and the WMO Integrated Processing and Prediction System (WIPPS) implementation plans, and develop a regional road map to support Members including with capacity development activities (LTG 4);
 - (c) Prepare the infrastructure component of the RA V Operating Plan (Work Programme), addressing observations, information, and data processing and prediction systems for the approval of the Association, and establish, with the support of the regional office, the regional infrastructure systems baselines and benchmarks, providing progress updates to the RA V MG;
 - (d) Collaborate with RA V Members, Commission for Observation, Infrastructure and Information Systems (INFCOM) and other bodies, as necessary, to support, monitor, review and audit relevant regional centres established by WMO bodies, ensuring that the services and functions continue to respond to the needs of the region and are in compliance with WMO standards and guidelines;
 - (e) Provide feedback to INFCOM, through the RA V representative on the INFCOM MG, on RA V Members' requirements and needs for observing systems, information systems, and data processing and prediction systems, including providing inputs to the proposed work plan of the Commission;
 - (f) Propose and monitor RA V workshops and forums, and share information on these in advance, with the support of Members;
 - (g) Facilitate the sharing of knowledge, experience, and technology among RA V Members, in collaboration with other partners, where beneficial;

- (h) Submit annual reports to the RA V MG, according to the RA V Operating Plan (Work Programme), and share the report with Members and INFCOM MG.

3. ToRs of the RA V WG-I's ETs

3.1 Expert Team on Regional WIGOS Implementation (ET-WIGOS)

- (1) Coordinate and facilitate the implementation of the WMO Integrated Global Observing System (WIGOS) in the region, in particular:
 - (a) Coordinate the activities of RA V Regional WIGOS Centres (RWCs) and Regional Instrument Centres (RICs), and advise on their operations, potential improvements and priorities;
 - (b) Lead the design and implementation of the Regional Basic Observing Network (RBON), taking into account developments taking place in GBON and through SOFF;
 - (c) Support capacity development and training in WIGOS tools including OSCAR/Surface, WIGOS Data Quality Management System (WDQMS) and the WMO Incident Management System (IMS) across RA V.
- (2) Facilitate the implementation of national/regional Aircraft-based Observation (ABO) programme(s) and sources of third-party data in accordance with the WMO Unified Data Policy;
- (3) Identify critical gaps and needs for improvement in the capacities of RA V Members, especially those from developing and Least Developed Countries (LDCs) and, to implement WIGOS projects and related activities;
- (4) Promote information sharing on WIGOS Projects and their outcomes in the region;
- (5) Facilitate exchange of knowledge and technology among RA V Members;
- (6) Support WG-I in activities related to the implementation and development of WIGOS;
- (7) Collaborate with the Standing Committee on Earth Observing Systems and Monitoring Networks (SC-ON) and the Standing Committee on Measurements, Instrumentation and Traceability (SC-MINT) of the Commission for Observation, Infrastructure and Information Systems (INFCOM).

3.2 Expert Team on WIS (ET-WIS)

- (1) Coordinate and facilitate the implementation of the WMO Information System (WIS) in the region, in particular:
 - (a) Coordinate activities of WIS Centres in the region;
 - (b) Facilitate the implementation of WIS 2.0 in the region;
- (2) Monitor and report on the progress of WIS implementation and operation in the region, and advise on potential improvements and priorities related to WIS 2.0;
- (3) Develop capacity development and training plans to support Members' adoption of WIS 2.0 with Regional Training Centres (RTCs) in the region;
- (4) Support WG-I with activities related to Information Systems and Data Policy;
- (5) Collaborate with the Standing Committee on Information Management and Technology (SC-IMT) of the Commission for Observation, Infrastructure and Information Systems (INFCOM).

3.3 Expert Team on WIPPS (ET-WIPPS)

- (1) Coordinate and facilitate the implementation of the WMO Integrated Processing and Prediction System (WIPPS) in the region, in particular:
 - (a) Identify and support the endorsement and designation of WIPPS Centre(s) (e.g. Limited Area NWP) in RA V;
 - (b) Facilitate the Regional Hydrological Advisor (RHA) to identify Regional Specialized Hydrological Centres (RSHCs) in the region;
 - (c) Support identification of other Regional Specialized Meteorological Centres (RSMCs) in the region;
 - (d) Coordinate activities of WIPPS Centres in the region.
- (2) Collect and review needs from Members for WIPPS products in RA V
- (3) Monitor and report on the progress of WIPPS implementation and operation in the region, with a focus on LDCs, and advise on potential improvements and priorities related to WIPPS;
- (4) Support WG-I with activities related to Data-Processing and Prediction Systems, including capacity development and training;
- (5) Collaborate with the Standing Committee on WMO Integrated Processing and Prediction System (SC-WIPPS) of the Commission for Observation, Infrastructure and Information Systems (INFCOM).

3.4 Expert Team on Satellite Utilization (ET-SAT)

- (1) Coordinate and facilitate the application and utilization of satellite data in the region, in particular, for Early Warnings Systems to address gaps in satellite data/products in the region;
- (2) Support the annual Asia-Oceania Meteorological Satellite Users' Conference (AOMSUC), along with associated training, and the RA II/V coordination meeting;
- (3) Support the annual meeting of the WMO Steering Group for the Space-based Weather and Climate Extremes Monitoring (SWCEM) in East Asia and Western Pacific (SG-SWCEM-EAWP);
- (4) Develop and execute regional capacity development and training plans for the use of satellite data and products with the WMO-CGMS Virtual Laboratory for Education and Training in Satellite Meteorology (VLab) and WMO Regional Training Centres (RTCs);
- (5) Serve as the Regional Focal Point on Radio Frequency (RFP-RF) in RA V;
- (6) Support WG-I with activities related to meteorological satellite application and utilization;
- (7) Liaise with the Commission for Observation, Infrastructure and Information Systems (INFCOM) expert teams, in particular SC-ON Expert Team on Space Systems and Utilization (ET-SSU) and SC-ON Expert Team on Radio Frequency Coordination (ET-RFC).

3.5 Expert Team on Hydrometry (ET-HM)

- (1) Coordinate and facilitate the implementation of WMO Hydrological Observing System (WHOS) in the region;
- (2) Facilitate the improvement of hydrometric measurements in both quality and accuracy, based on SC-MINT developments;

- (3) Participate in the RA V Hydrological Advisers' Forum, Regional Hydrological Assembly and other related meetings;
 - (4) Support WG-I with activities related to hydrometry, including capacity development and training;
 - (5) Collaborate with the Advisory Group on Hydrology (AG-Hydro) of the Commission for Observation, Infrastructure and Information Systems (INFCOM).
-