

RA VI Members Perspective: Armenia
Request for the Development of a
Heat-Health EWS in Armenia

Levon Azizyan, Amalya Misakyan
Hydrometeorology and Monitoring Center (Armhydromet)

18 June 2026



WORLD
METEOROLOGICAL
ORGANIZATION

Introduction and Context

Armhydromet is the National Hydrometeorological Service of Armenia. Armhydromet's mission is to ensure hydrometeorological and environmental safety by providing reliable, accurate, and timely information on weather, climate, water resources, and environmental conditions. The Service conducts integrated monitoring of hydrometeorological and environmental parameters and provides operational information, forecasts, warnings, and assessments to government authorities, economic sectors, and the public. It also supports disaster risk reduction and climate adaptation activities.



Introduction and Context

Key Priorities and Opportunities for Participation

- Forecasting & Early Warning Systems
- Hydrometeorological & Climate Modelling
- Data Management & Modern Monitoring Technologies
- Capacity Development & Knowledge Exchange
- Climate Change Impacts and Extreme Events, etc

The Platform offers a valuable opportunity to exchange knowledge, learn from the experiences of other Services in the WMO Regional Association VI community, and identify potential partnerships for technical cooperation and capacity development.

Request Details

- **Title** - *Support for the Development of a Heat-Health EWS in Armenia*
- **Description** - The project will support the establishment of the institutional framework, operational procedures, and inter-agency coordination mechanisms required for a Heat-Health Early Warning System (EWS) in Armenia. It will also strengthen national capacities through knowledge transfer and training. Assistance will include the enhancement of heatwave monitoring, risk assessment, and warning generation. The resulting system will enhance the protection of the population from extreme heat.
- **Category** Peer-to-peer support



Request Details

- Why is this support needed?

Current situation:

- No agreed operational heatwave warning system
- Limited assessment of heatwave intensity, duration and impacts
- Limited interagency cooperation
- No dedicated impact-based heat-health warning products

Desired state:

- Heat-Health Early Warning System
- Impact-based heatwave forecasting
- Health-sector coordination and preparedness
- Improved protection of vulnerable populations
- Contribution to Early Warnings for All

Request Details

- Why is this support needed?

Heatwaves are becoming a growing risk

- Increasing frequency and intensity of heatwaves
- Rising summer temperatures in the coming decades
- Increasing pressure on public health and vulnerable populations

The **now** is important

- Heatwaves are among the deadliest climate-related hazards
- Early warning enables preparedness and early action
- Heat-health (therefore impact) services support climate resilience and public protection

Request Details

- **Required by** the implementation of Armenia's Health System Development Strategy (2023–2026) and its Action Plan, the National EWS Implementation Roadmap, and the increasing need to address heatwave risks.

Platform Expectations

What value do you see in the RA VI Support Exchange Platform for your Service and for RA VI as a whole?

- ✓ Faster access to expertise, practical solutions and training opportunities
- ✓ Peer-to-peer support among NMHSs facing similar challenges
- ✓ Enhanced regional cooperation and knowledge sharing
- ✓ Exchange of best practices and proven methodologies
- ✓ More harmonized and effective hydrological, meteorological and climate services across RA VI.



Platform Expectations

What would you like the platform to achieve during the pilot phase?

- Active participation from both requesting and supporting members
- Efficient matching of needs with expertise and available resources
- Enhance knowledge exchange, training and capacity development



WMO OMM

- Demonstration of successful cooperation among Members.

Platform Expectations

What would success look like for your Service after one year of implementation?

- Broad Member participation
- Sustainable exchange of expertise and support
- Recognized value across RA VI

Thank you for your attention!