

WORLD METEOROLOGICAL ORGANIZATION

RA VI MG/2-2010/INF. 4

SECOND MEETING OF THE
RA VI MANAGEMENT GROUP

ITEM 4 and 5

GENEVA, 17-18 FEBRUARY 2010

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**Terms of Reference of the RA VI Subsidiary Bodies as adopted
by the XV Session of the Association**

The INF contains an excerpt from the XV RA-VI Report (WMO-No. 1046) with all Resolutions pertinent to the RA VI subsidiary bodies.

INDEX	STATION NAME	CLIMAT	CLIMAT TEMP	GSN	GUAN	INDEX	STATION NAME	CLIMAT	CLIMAT TEMP	GSN	GUAN
17260	GAZIANTEP	X				33946	SIMFEROPOL'	X			
17265	ADIYAMAN	X				33998	AI PETRI	X		X	
17270	SANLIURFA	X				34300	KHARKIV	X			
17280	DIYARBAKIR	X				34415	IZIUM	X			
17281	DIYARBAKIR-BOLGE		X			34519	DONETS'K	X			
17282	BATMAN	X				34523	LUHANS'K	X			
17285	HAKKARI	X				34607	PRYSHYB	X			
17292	MUGLA	X				34712	MARIUPOL'	X			
17300	ANTALYA	X				UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND					
17340	MERSIN	X				03005	LERWICK	X		X	
17351	ADANA BOLGE	X				03005	LERWICK		X		X
17351	ADANA BOLGE		X			03017	KIRKWALL	X			
17370	ISKENDERUN	X				03026	STORNOWAY	X		X	
17375	FINIKE	X		X		03066	KINLOSS	X			
UKRAINE						03091	DYCE	X			
33213	OVRUCH	X				03100	TIREE	X			
33275	SUMY	X				03162	ESKDALEMUIR	X		X	
33301	RIVNE	X				03171	LEUCHARS	X			
33317	SHEPETIVKA	X		X		03257	LEEMING	X			
33345	KIEV	X				03302	VALLEY	X		X	
33377	LUBNY	X		X		03377	WADDINGTON	X		X	
33393	L'VIV	X				03414	SHAWBURY	X			
33415	TERNOPIL'	X				03502	ABERPORTH	X			
33429	KHMEL'NYTS'KYI	X				03590	WATTISHAM	X			
33506	POLTAVA	X				03740	LYNEHAM	X			
33526	IVANO FRANKIVS'K	X				03772	HEATHROW	X			
33562	VINNYTSIA	X				03797	MANSTON	X			
33587	UMAN'	X		X		03808	CAMBORNE	X		X	
33631	UZHHOROD	X				03808	CAMBORNE		X		X
33646	POZHEZHESKAYA	X				03862	HURN	X			
33658	CHERNIVTSI	X				03882	HERSTMONCEUX, WEST END	X		X	
33711	KIROVOHRAD	X				03917	ALDERGROVE	X			
33761	LIUBASHIVKA	X									
33791	KRYVYI RIH	X									
33837	ODESA	X									
33889	IZMAIL	X									
33902	KHERSON	X									
33915	ASKANIYA NOVA	X		X							

Note: An up-to-date list of Regional Basic Climatological Network stations is available at <http://www.wmo.int/pages/prog/www/ois/rbsn-rbcn/rbsn-rbcn-home.htm>.

Resolution 3 (XV-RA VI)

MANAGEMENT GROUP OF REGIONAL ASSOCIATION VI (EUROPE)

REGIONAL ASSOCIATION VI (EUROPE),

Noting:

- (1) The *Abridged Final Report with Resolutions of the Fifteenth World Meteorological Congress* (WMO- No. 1026),
- (2) The *Abridged Final Report with Resolutions of the Fourteenth Session of Regional Association VI (Europe)* (WMO-No. 991),

- (3) The reports of the sessions of the RA VI Management Group (2008 and 2009),
- (4) The *WMO Strategic Plan* (WMO-No. 1028),
- (5) The RA VI Strategic Plan for the Enhancement of Meteorological and Hydrological Services in the Region (2008–2011),

Considering:

- (1) That the effectiveness of the Association depends to a large extent on the effective management of its activities and effective communication between sessions,
- (2) That a management group will be required to ensure the coordinated implementation of the RA VI Strategic Plan and to evaluate the progress achieved on the expected results,
- (3) That the strategic planning process will continue during the intersessional period and the Management Group should decide on necessary adjustments to the working structure of the Association accordingly,
- (4) That there is need for a mechanism to address issues not handled by other working groups or task teams, in particular activities related to expected results 9 – Enhanced capabilities of National Meteorological and Hydrological Services in developing countries, particularly least developed countries, to fulfil their mandates, 10 – Effective and efficient functioning of constituent bodies and 11 – Effective and efficient management performance and oversight of the Organization, of the WMO Strategic Plan,

Decides:

- (1) To re-establish the Management Group of Regional Association VI (Europe), with the following terms of reference:
 - (a) To advise the president of RA VI on all matters related to the work of the Regional Association, in particular, on matters requiring actions on emerging matters during the intersessional period;
 - (b) To assist the president of RA VI to prioritize, plan, coordinate and actively manage the work of the Association and its subsidiary bodies, as well as to monitor the progress achieved in the work programmes;
 - (c) To ensure adequate internal structure, including establishment of relevant task teams on proposals by the chairpersons of the working groups, and working methods of the Association, and make necessary adjustments as needed to achieve the desired outcomes;
 - (d) To establish timelines for the agreed deliverables and monitor progress, including the timely submission of required progress reports;
 - (e) To ensure continuity of the strategic planning process and develop coordinated regional inputs for the future WMO Strategic Plan and related Operating Plan, including regional priorities and key outcomes;
 - (f) To address emerging issues and challenges as identified by Regional Association VI at its fifteenth session, and ensure that these issues are adequately included in the work programmes of the working groups;
 - (g) Based on the new WMO Strategic Plan and Operating Plan 2012–2015, to develop in close coordination with its subsidiary bodies and the WMO Secretariat, a Regional Strategic and Action Plan for the period 2012–2015;

- (h) To coordinate the activities of the Association with respect to capacity-building and develop a capacity-building strategy taking account the needs of the Members and the existing human, financial and technical capacity-building mechanisms;
 - (i) To advise the president on ways and means of providing technical assistance to Members in the Region for the implementation of the RA VI Strategic Plan for the Enhancement of Meteorological and Hydrological Services in the Region (2008–2011);
 - (j) To coordinate development of key performance indicators and provide performance monitoring of the activities of the Association aimed at enhancing its efficiency and effectiveness;
 - (k) To ensure efficient communication with Members during the intersessional period and expand the use of IT means for sharing information and promoting activities;
 - (l) To address on a systematic basis the need for harmonization of the capabilities for provision of hydrometeorological services between different subregions with special emphasis on countries with economies in transition;
 - (m) To promote partnership with other international and regional organizations, scientific institutions and financing agencies in support of achieving the desired outcomes of the RA VI Strategic Plan;
- (2) To invite the president, Mr Ivan Čačić, to act as chairperson of the Management Group, which is composed of the president, the vice-president Mr Mieczyslaw Ostojki, the regional hydrological advisor to the president, Mr Markku Puupponen (Finland) (also co-chairperson of the Working Group on Climate and Hydrology), and three Directors of National Meteorological and Hydrological Services invited by the president, Mr Petteri Taalas (Finland), Mr Wolfgang Kusch (Germany) and Ms Henia Berkovich (Israel), the chairperson of the Working Group on Technology Development and Implementation Mr Jochen Dibbern (Germany), the co-chairperson of the Working Group on Climate and Hydrology Ms Anahit Hovsepyan (Armenia) and the chairperson of the Working Group on Service Delivery and Partnership Mr David Robinson (United Kingdom);
- (3) The president may invite as appropriate other directors of National Meteorological and Hydrological Services, or other experts, to participate in the meetings of the RA VI Management Group, subject to availability of financial resources;

Requests the president to ensure balanced geographical representation on the Management Group and that the Group meet annually or as needed, preferably in conjunction with other meetings and events;

Authorizes the president to take needed decisions on important matters on behalf of the Association in consultation with the Management Group;

Requests the president to report to the Association during the intersessional period as needed and at its next regular session on the activities of the Management Group and relevant decisions taken on behalf of the Association;

Requests the Secretary-General to take into account the work of the Management Group of Regional Association VI (Europe) in the provision of support to the Region, especially through the Regional Office for Europe.

Note: This resolution replaces Resolution 23 (XIV-RA VI), which is no longer in force.

Resolution 4 (XV-RA VI)**WORKING GROUP ON CLIMATE AND HYDROLOGY**

REGIONAL ASSOCIATION VI (EUROPE),

Noting:

- (1) The *Abridged Final Report with Resolutions of the Fourteenth Session of Regional Association VI (Europe)* (WMO-No. 991),
- (2) The report of the chairperson of the Working Group on Climate-related Matters in Region VI,
- (3) The Final Report of the eleventh session of the RA VI Working Group on Hydrology (2009),
- (4) The *WMO Strategic Plan* (WMO-No. 1028),
- (5) The RA VI Strategic Plan for the Enhancement of Meteorological and Hydrological Services in the Region (2008–2011),
- (6) The Implementation Plan for the RA VI Network of Regional Climate Centres,
- (7) Resolution 4 (EC-LXI) – Establishment of Regional Climate Centres,
- (8) The *Abridged Final Report with Resolutions of the Sixty-first Session of the Executive Council* (WMO-No. 1042), general summary, paragraph 3.3.2.5,

Considering:

- (1) The increase in damages caused by hydrometeorological disasters,
- (2) The need for enhancing the capabilities of the Members to provide more accurate climate predictions and assessments,
- (3) The need for enhancing the capabilities of the Members to provide more accurate hydrological data, forecasts and assessments,
- (4) The need for the Association to maintain its activities in climate- and water-related matters of particular importance to the Region,
- (5) The need to take into account the requirements and capabilities of the Meteorological and Hydrological Services of the Members in the Region with regard to climate- and water-related services,
- (6) Members' needs in support of climate change research and adaptation measures, including potential impacts of climate variability and change on water resources,
- (7) The need for further improving cooperation between hydrological and meteorological and climatological communities to achieve better utilization of meteorological and climatological data and products for hydrological forecasts and assessments,
- (8) The need for institutional cooperation with the European Commission and its subsidiary bodies in implementation of European climate- and water-related legislation,

Decides:

- (1) To establish the Working Group on Climate and Hydrology, with its major contributions focused on expected results 2 – Enhanced capabilities of Members to provide better climate predictions and assessments, 3 – Enhanced capabilities of Members to provide better hydrological forecasts and assessments, and 7 – Enhanced capabilities of Members to provide and use weather, climate, water and environmental applications and services, and related RA VI Strategic Plan deliverables, with the following terms of reference:
 - (a) To guide and assist the full implementation of the RA VI Network of Regional Climate Centres (RCCs) in accordance with the adopted implementation plan and with the view to achieve its designation by WMO in 2011;
 - (b) To keep abreast and report regularly to Members on climate change research findings and adaptation needs in connection with the evolving Global Framework for Climate Services;
 - (c) To provide inputs regarding regional climate- and water-related requirements to support implementation of the WMO Information System and the WMO Integrated Global Observing System;
 - (d) To facilitate the implementation of the Regional Climate Outlook Forum mechanism in the Region;
 - (e) To assist in mobilizing resources and providing guidance on the data rescue efforts based on the identified needs of the Members in the Region;
 - (f) To maintain the fruitful cooperation established with the European Commission in climate- and water-related matters;
 - (g) To promote professional activities of National Hydrological Services in Europe, acting as a platform for exchange of scientific–technical expertise;
 - (h) To promote closer cooperation between meteorological and hydrological services at the national level especially in the countries where hydrological and meteorological services are separated;
 - (i) To coordinate with the Commission for Hydrology as regards activities to promote regional needs in the Commission’s workplan, to share common issues relevant in the region and to avoid duplication;
 - (j) To liaise with the UNESCO International Hydrological Programme, United Nations Economic Commission for Europe water-related conventions, United Nations International Strategy for Disaster Reduction, Food and Agriculture Organization of the United Nations, and international river basin commissions;
 - (k) To liaise with the Working Group on Technology Development and Implementation and the Working Group on Service Delivery and Partnership on matters related to climate and hydrology;
- (2) That the Working Group shall be composed of:
 - (a) Co-chairperson on Climate;
 - (b) Co-chairperson on Hydrology;
 - (c) Chairpersons of task teams and other experts as decided by the Management Group;

- (3) To designate, in accordance with Regulation 32 of the WMO General Regulations, Ms Anahit Hovsepyan (Armenia) as co-chairperson on Climate and Mr Markku Puupponen (Finland) as co-chairperson on Hydrology of this Working Group;
- (4) To request the co-chairpersons to:
 - (a) Submit to the Management Group within three months a work programme for the period 2010–2013 with due account of the deliverables outlined in the RA VI Strategic Plan;
 - (b) Submit proposals to the Management Group for establishment of task teams, including terms of reference, as necessary, to facilitate successful implementation of the RA VI Strategic Plan in the area of responsibility of the Working Group;
 - (c) Submit an annual progress report to the president of the Regional Association and WMO Secretariat in due time before Executive Council sessions not later than six months before the next session of the Association;
 - (d) Submit a final report to the president of the Regional Association at least three months before the next session of the Association;

Further decides:

- (1) That the work of the Working Group shall be organized in two open expert groups, one on Climate and one on Hydrology;
- (2) To invite Members to nominate experts who are committed to serve actively on the Working Group and expert groups.

Note: This resolution replaces Resolution 8 (XIV-RA VI) and Resolution 17 (XIV-RA VI), which are no longer in force.

Resolution 5 (XV-RA VI)

WORKING GROUP ON SERVICE DELIVERY AND PARTNERSHIP

REGIONAL ASSOCIATION VI (EUROPE),

Noting:

- (1) Resolution 16 (Cg-XV) – Public Weather Services Programme,
- (2) Resolution 28 (Cg-XIV) – Role and operation of National Meteorological and Hydrological Services,
- (3) The *WMO Strategic Plan* (WMO-No. 1028),
- (4) The RA VI Strategic Plan for the Enhancement of Meteorological and Hydrological Services in the Region (2008–2011),
- (5) Resolution 25 (Cg-XV) – Natural Disaster Prevention and Mitigation Programme,

- (6) Resolution 5 (EC–LX) – Executive Council Working Group on Disaster Risk Reduction and Service Delivery,
- (7) The relevant reports of working groups and other bodies established by Regional Association VI at its fourteenth session,

Considering:

- (1) That, according to the RA VI Strategic Plan, service delivery is the primary area for achieving the desired outcomes related to:
 - (a) The safety of life and property,
 - (b) The safety and efficiency of transport, industries and agriculture,
- (2) That sustainable development and environmental protection should be the natural result of weather-, climate- and water-related services,
- (3) The need for:
 - (a) Better understanding the requirements of governmental bodies, economic sectors, the media and the general public,
 - (b) Better use of RA VI capabilities to improve service production and delivery and the use of resources, including the quality and completeness of hydrological and meteorological information for application in development planning and disaster preparedness,
 - (c) Developing regional cooperation to provide a broader range of national, subregional and regional services,
 - (d) Creating proper mechanisms for measuring and documenting the socio-economic benefits of the meteorological, climatological and hydrological services provided by Members of RA VI,
 - (e) Enhancing the capabilities of Members in disaster risk reduction,

Decides:

- (1) To establish a Working Group on Service Delivery and Partnership, with its major contributions focused on expected results 6 – Enhanced capabilities of Members in multi-hazard early warning and disaster prevention and preparedness, 7 – Enhanced capabilities of Members to provide and use weather, climate, water and environmental applications and services, and 8 – Broader use of weather-, climate- and water-related outputs for decision-making and implementation by Members and partner organizations, of the WMO Strategic Plan and related regional expected results, with the following terms of reference:
 - (a) To foster implementation of best practices and optimized use of existing capabilities in the Region to improve service production and delivery;
 - (b) To provide input to the technical commissions of the weather-, climate- and water-related technical and scientific service delivery needs of the Region;
 - (c) To provide guidance on strengthening the collaboration, partnerships and outreach activities at the national and international levels between providers of weather-, climate- and water-related products, services and activities and end-users, including disaster prevention and civil protection agencies;

- (d) To investigate common methods of defining and determining the socio-economic benefits of meteorological and hydrological service provision;
 - (e) To develop and prioritize sustainable programmes for capacity-building in service delivery and disaster risk reduction for the Region;
 - (f) To keep under review the regional developments in aeronautical and marine meteorology;
 - (g) To cooperate with technical commissions and their expert teams in using the outputs from verification to improve services and share the results within the Region;
 - (h) To share experience on how to measure public perception in respect to both warnings and forecasts, with a view to providing guidance and advice to the Members;
 - (i) To address disaster risk reduction related priorities in a comprehensive fashion, and in alignment with “cooperation model” projects in disaster risk reduction;
 - (j) To liaise with the Working Group on Technology Development and Implementation and the Working Group on Climate and Hydrology on relevant aspects of service delivery and partnership;
- (2) That the Working Group shall be composed of:
- (a) The chairperson and vice-chairperson;
 - (b) Chairpersons of task teams and other experts nominated by Members as decided by the Management Group;
- (3) To designate, in accordance with Regulation 32 of the WMO General Regulations, Mr David Robinson (United Kingdom) as chairperson of the Working Group and Mr Axel Thomalla (Germany) as vice-chairperson;
- (4) To request the chairperson to:
- (a) Submit to the Management Group within three months a work programme for the period 2010–2013 with due account of the deliverables outlined in the RA VI Strategic Plan;
 - (b) Submit proposals to the Management Group for establishment of task teams, including terms of reference, as necessary, to facilitate successful implementation of the RA VI Strategic Plan in the area of responsibility of the Working Group;
 - (c) Submit an annual progress report to the president of the Regional Association and the WMO Secretariat in due time before Executive Council sessions;
 - (d) Submit a final report to the president of the Regional Association at least three months before the next session of the Association;
- (5) To invite Members to nominate experts who are committed to serve actively on the Working Group.

Note: This resolution replaces Resolutions 14 (XIV-RA VI), 15 (XIV-RA VI), 16 (XIV-RA VI) and 19 (XIV-RA VI), which are no longer in force.

Resolution 6 (XV-RA VI)**WORKING GROUP ON TECHNOLOGY DEVELOPMENT AND IMPLEMENTATION**

REGIONAL ASSOCIATION VI (EUROPE),

Noting:

- (1) Resolution 2 (Cg-XV) – World Weather Watch Programme for 2008–2011,
- (2) Resolution 3 (Cg-XV) – Global Observing System,
- (3) Resolution 5 (Cg-XV) – Instruments and Methods of Observation Programme,
- (4) Resolution 11 (Cg-XV) – Global Climate Observing System,
- (5) The *WMO Strategic Plan* (WMO-No. 1028),
- (6) Resolution 30 (Cg-XV) – Towards enhanced integration between WMO observing systems,
- (7) Resolution 40 (Cg-XII) – WMO policy and practice for the exchange of meteorological and related data and products including guidelines on relationships in commercial meteorological activities,
- (8) Resolution 3 (EC-LIX) – Executive Council Working Group on the WMO Integrated Global Observing System and the WMO Information System,
- (9) The WIGOS Concept of Operations and the WIGOS Development and Implementation Plan, as adopted by the Executive Council at its sixty-first session in June 2009,
- (10) The RA VI Strategic Plan for the Enhancement of Meteorological and Hydrological Services in the Region (2008–2011),

Considering:

- (1) That the World Weather Watch data and products are of vital importance to RA VI Members to meet existing and new requirements for meteorological services,
- (2) That the implementation of the World Weather Watch in the Region needs to be kept under constant review,
- (3) The recommendation by the Executive Council at its sixty-first session that regional associations should actively collaborate in testing, developing and implementing the WMO Integrated Global Observing System (WIGOS) concept, and provide their input to the WIGOS Development and Implementation Plan,
- (4) The importance of WIGOS pilot projects,
- (5) That the support and involvement of regional associations in the WMO Information System (WIS) development was a crucial factor for ensuring a successful implementation and a shared ownership of the system,
- (6) The need to complete the tasks related to science and technology development and implementation for weather, climate and water outlined in the RA VI Strategic Plan,
- (7) The progress made in establishing numerical weather prediction consortia and ensemble prediction systems, and further need for cooperation,

Decides:

- (1) To establish a Working Group on Technology Development and Implementation in Region VI, with its major contributions focused on expected results 1 – Enhanced capabilities of Members to produce better weather forecasts and warnings, 4 – Integration of WMO observing systems, and 5 – Development and implementation of the new WMO Information System, with the following terms of reference:
 - (a) To provide overall technical guidance, assistance and support for the implementation of the WIGOS and WIS concepts in Regional Association VI;
 - (b) To contribute to the development and implementation of WIGOS in the Region;
 - (c) To coordinate the redesign of the Regional Basic Synoptic Network/Regional Basic Climatological Network as a WIGOS Demonstration Project;
 - (d) To coordinate WIGOS implementation in the Region taking into account the planning and implementation of the WMO Information System;
 - (e) To coordinate the implementation of the WMO Information System, including further improvement of the Regional Meteorological Data Communication Network;
 - (f) To monitor availability of data, identify deficiencies and propose measures for their resolution;
 - (g) To monitor and contribute to developments in data-processing and forecasting systems, make recommendations to strengthen collaboration, represent the Region in the Commission for Basic Systems Implementation Coordination Team on Data-Processing and Forecasting System;
 - (h) To promote greater access to and exploitation of ensemble prediction products, nowcasting techniques and long-range forecasting;
 - (i) To keep under review regional practices and guidelines relevant to observing networks and instruments and methods of observation, and to foster an efficient collaborative network of Regional Instrument Centres in RA VI;
 - (j) To serve as a focal point for World Weather Research Programme–ThorpeX activities in the Region;
 - (k) To liaise with the Working Group on Climate and Hydrology and the Working Group on Service Delivery and Partnership on matters related to technology development and implementation;
- (2) That the Working Group shall be composed of:
 - (a) Chairperson and vice-chairperson;
 - (b) Chairpersons of task teams and other experts as decided by the Management Group;
- (3) To designate, in accordance with Regulation 32 of the WMO General Regulations, Mr Jochen Dibbern (Germany) as chairperson of the Working Group, and Mr Matteo Dell'Acqua (France) as vice-chairperson;
- (4) To request the Chairperson to:

- (a) Submit to the Management Group within three months a work programme for the period 2010–2013 with due account of the deliverables outlined in the RA VI Strategic Plan;
 - (b) Submit proposals to the Management Group for establishment of task teams, including terms of reference, as necessary, to facilitate successful implementation of the RA VI Strategic Plan in the area of responsibility of the Working Group;
 - (c) Submit an annual progress report to the president of the Regional Association and WMO Secretariat in due time before Executive Council sessions;
 - (d) Submit a final report to the president of the Regional Association at least three months before the next session of the Association;
- (5) To invite Members to nominate experts who are committed to serve actively on the Working Group.

Note: This resolution replaces Resolutions 1 (XIV-RA VI), 5 (XIV-RA VI), 6 (XIV-RA VI), 11 (XIV-RA VI), 12 (XIV-RA VI), 13 (XIV-RA VI), 20 (XIV-RA VI) and 21 (XIV-RA VI), which are no longer in force.

Resolution 7 (XV-RA VI)

REVIEW OF PREVIOUS RESOLUTIONS AND RECOMMENDATIONS OF THE ASSOCIATION

REGIONAL ASSOCIATION VI (EUROPE),

Noting paragraph 3.7.1 of the general summary of the ninth session of the Executive Committee,

Considering:

- (1) That a number of its resolutions adopted before its fifteenth session have been revised and incorporated in resolutions of the fifteenth session,
- (2) That others of its previous resolutions have been incorporated in appropriate WMO publications or have become obsolete,
- (3) That some of the previous resolutions are still to be implemented,

Decides:

- (1) To keep in force Resolutions 11 (XI-RA VI) and 16 (XIII-RA VI);
- (2) Not to keep in force the other resolutions adopted before its fifteenth session;
- (3) To publish the text of the resolutions kept in force in the annex to this resolution.

Note: This resolution replaces Resolution 24 (XIV-RA VI), which is no longer in force.
