

AREP PROGRAMME MANAGEMENT

Report of the Director

(submitted by L. Barrie, D/ARE)

Purpose of Document and Major Decision(s) Requested

To inform CAS Management Group of the status of programme implementation and planned activities for 2009.

Summary of Activity

Since the last CAS Management Group Meeting in Oslo September 2008 many changes have taken place within the WMO Secretariat that concern the implementation of the programmes of CAS. In response to Congress XV outcomes that mandated the secretariat to implement a results-based management system, the WMO Secretariat was restructured on 1 January 2009 creating a new Research Department. This consists of the Atmospheric Research and Environment Branch (ARE) that includes the WMO World Weather Research Programme (including THORPEX) and the Global Atmosphere Watch (GAW) programme of CAS and the World Climate Research Programme. Dr Ghassem Asrar, Director of Joint Planning Staff of WCRP and Dr. L. Barrie Director of ARE are co-Directors of the new Research Department. The activities supported by the Research Department are summarized in Figures 1 and 2.

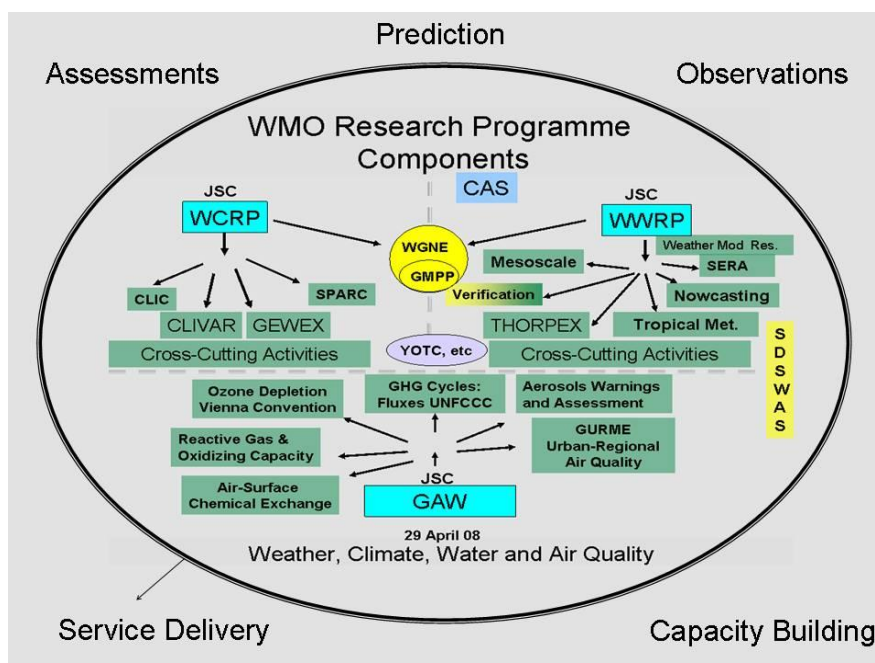
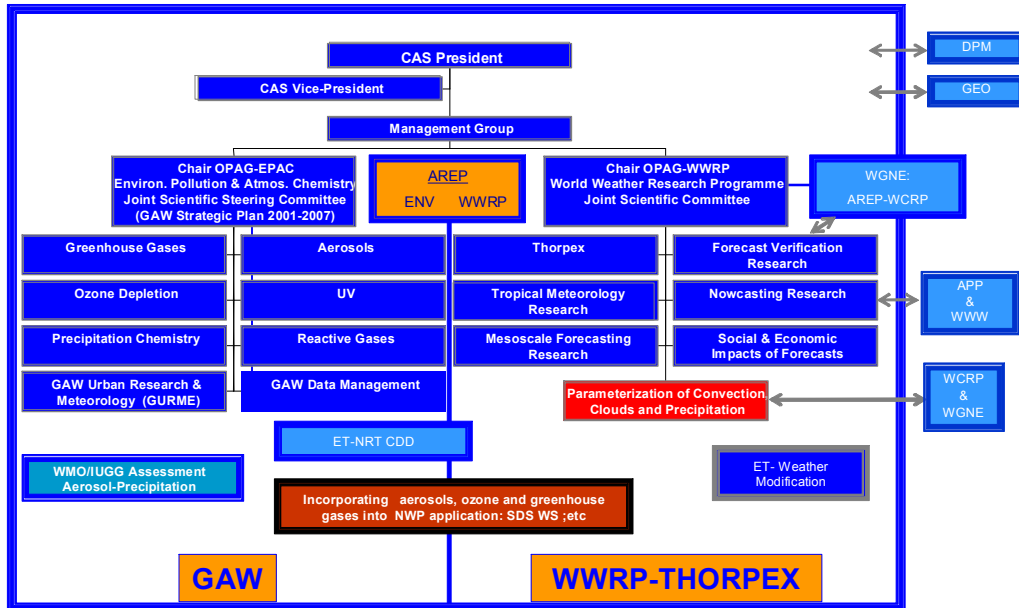


Figure 1 Activities supported by the WMO Research Department

CAS/AREP PROGRAMME COMPONENTS



20 April 07

Figure 2 Detailed schematic of CAS and supporting WMO secretariat structure

The implications of this restructuring on programme management and implementation is minimal in the case of the Research Department. Organizationally the two directors are working closely together to identify tasks that can be shared to minimize time and resources expended. For 2008-2011, Congress XV approved a separate budget for the WCRP (a joint programme of WMO/IOC/ICSU) and for the ARE Branch that supports CAS activities. WMO manages these separately through the Resources Management Department. As of 1 January 2008 the WMO financial tracking system separates the budgets for personnel and non-salary activities. The non-salary budget must cover the service costs charged by WMO technical departments for computer and information technology support as well as publishing and printing. In 2008, Departmental Directors have been granted the flexibility of transferring resources between then personnel and non-salary budgets.

Resource and administrative information for ARE in 2008 and 2009

In Congress XV Document 8.2, the approved 2008-2011 (zero no-growth option) budget is 13.6 MCHF. This amounted to a decrease of -9.3% from the previous four year period. The ARE staff situation for 2008 and 2009 is shown in Table 1.

Table 1 Summary of ARE Staff resources

Post Grade	Function	PY Use in 2008	2008 Cost (kCHF)	PY Use in 2009	2009 Cost (KCHF)
D1	Director ARE	1	290	1	290
G6	Admin Ass. ARE	1	150	1	150
G5	Sen. Sec. & ARE Publications	0.8	100	1	100
P5	Chief WWR including THORPEX	1	257.5	1	257.5
G5	Sen. Sec. WWR & THORPEX IPO	1	125	1	125
P5	SSO WWR	1 (1/3 staff association)	257.5	1	257.5
P4	2/3 SSO WWR 1/3 SSO AER	1	207.5	1	207.5
P5	Chief AER(GAW)	1	257.5	1	257.5
G5	Sen. Sec. AER	1	125	1	125
P5	SSO AER (GAW)	1	257.5	1	257.5
P5 2008 P4 2009	SO AER (GAW)	0	0	1	207.5
Total		9.8	2027	10.7	2234.5

The non-salary budget available to ARE for 2008 was 736 kCHF and is likely to be similar for 2009. The CAS XV meeting budget provided by WMO is 267 kCHF and provided as an allotment in 2009 in addition to the non-salary budget. Salary-savings from 2008 for the P5 post unfilled was 213 kCHF. Much of this will be available for use in 2009. Thus, the 2009 non-salary budget is expected to be approximately 900 kCHF.

The general budget for ARE is split equally between WWR and ARE after removing costs of ARE support of CAS President and the CAS Management Group meeting, WMO EC and international activities related to ARE and the Branch costs of computer and information technology support.

In addition to the general budget approved by Congress, ARE receives approximately 100 kCHF in 2008 and 2009 from the Congress-approved surplus budget for Disaster Risk Reduction and 30 kCHF for WIGOS/WIS pilot project for GAW. These funds are accessed by AER and WWR through cross-cutting joint projects.

Activities in 2008 and projected for 2009 related to GAW and WWRP are listed in Appendices I and II, respectively.

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GAW Meetings 2008 and projected for 2009

GAW-related Meetings in 2008

1. Joint meeting of the PC SAG and ACCENT, 28-31 January, Las Vegas, USA
2. Workshop on stratospheric water vapor, 11-14 February 2008, Bern
3. GCOS/GRUAN, 26-28 February, Lindenberg
4. GMES Atmospheric Service Implementation Group, 13 March, Brussels
5. First Meeting of ad-hoc CBS CAS expert group on "Joint GOS-GAW Pilot Project to accelerate the implementation of WIGOS/WIS", 25 – 27 March, Geneva
6. EGU, 14-16 April, Vienna, Austria
7. Mountains as early indicators of climate change, 17-18 April, Padova, Italy
8. IGACO-Ozone/UV-NDACC meeting on ozone measurements, 21-23 April, Geneva
9. 9th TFMM, 23-25 April, Bordeaux, France
10. GAS-IG, 28 April, Brussels, Belgium
11. GAWTEC XIV, Hohenpeissenberg/Zugspitze
12. GESAMP session, 13-16 May, Accra, Ghana
13. 7th Meeting of the Ozone Research Managers, 19-21 May, Geneva
14. IGOS theme meeting, 28 May, Paris, France
15. Harbors and Air Quality, 29-30 May, Rotterdam, Netherlands
16. TFHTAP, 9-13 June, Washington DC, USA
17. AGAGE semi-annual meeting, June, Grindelwald, Switzerland
18. WMO EC XV, 18-27 June, Geneva
19. Ozone SAG, 25 June – 27 June, Tromso, Norway
20. Quadrennial Ozone Symposium, 29 June – 5 July, Tromso, Norway
21. Joint Meeting of the Wildland Fire Advisory Group / Global Wildland Fire Network, 4-5 July, Freiburg, Germany
22. GAW VOCs, 7-9 July, Zurich, Switzerland
23. BSRN, 7-11 July, Netherlands
24. International Radiation Symposium, 3-8 August, Foz do Iguazu, Brazil
25. UV SAG, 6-7 August, Foz do Iguazu, Brazil
26. SPARC General Assembly, August, Bologna, Italy
27. IGAC Conference Bridging the scales in atmospheric chemistry, 7-12 September, Annecy, France
28. EMEP Steering Body, 8-10 September, Geneva
29. Kick-off meeting of IAGOS-ERI, 15-16 September, Maastricht
30. GMES Forum, 16-17 September, Lille, France
31. Meeting of GAW Data Managers, 2-3 October, St Petersburg, Russian Federation
32. NDACC Steering Committee, 25-29 September, Greenland
33. TFHTAP, 13-14 October, Hanoi, Viet Nam
34. EANET, 15-17 October, Hanoi, Viet Nam
35. Swiss GAW, 23 October, Zurich, Switzerland
36. Megapoli kick-off meeting, 27-28 October, Mainz, Germany
37. CAS Management Group 27-29 October, Geneva
38. GAWTEC XV, 2-15 November, Zugspitze/Hohenpeissenberg
39. Meteo Forum "Air Quality and Health", 7 November, Brussels
40. Montreal Protocol MOP/Vienna Convention COP, 16-20 November, Doha, Qatar
41. Air Quality Forecasting training course for South Asia, 8-12 December, Pune, India
42. CLRTAP Executive Body, 15-19 December

GAW-related Meetings Projected for 2009

1. AMS Annual Meeting, 11-15 January, Phoenix, USA
2. Joint GEOmon/IMECC meeting, 26-30 January, Geneva
3. UV SAG Instrument Group, February
4. Dobson intercomparison for RA I, 23 February – 14 March, Irene, South Africa
5. GCOS GRUAN, 2-4 March, Oklahoma, USA
6. GAW NOx meeting
7. Swiss GAW, 2 April, Zurich
8. EGU, Vienna, 19-24 April 2009
9. World Met Day, 23 March 2009 "Weather, climate and the air we breathe"
10. 7th International Conference on Air Quality – Science and Application, 23-27 March, Istanbul, Turkey
11. ASAAQ, 21-23 April, Jinan, China
12. Joint GURME Shanghai project and AirNow International air quality forecasting workshop, 24-28 April (tentative), Shanghai, China
13. Joint TFHTAP and TFMM workshop, Paris, France
14. TFMM, Paris, France
15. GAWTEC XVI training course, Hohenpeissenberg/Zugspitze
16. Observations of natural radioactive compounds used in climate studies, Vienna, Austria
17. Meeting of GAW Scientific Advisory Group on Aerosols, week of April 20 or 27 in Switzerland (held in conjunction with European Aerosols Network)
18. GAW 2009 Workshop, 5-7 May, Geneva
19. JSC OPAG EPAC biennial meeting, 8 May, Geneva
20. Ozone theme meeting, 11-13 May, Geneva
21. WMO EC XVI, 3-12 June, Geneva
22. GESAMP-35 annual meeting, 15-19 June, Geneva
23. SAG Ozone, 29 June – 3 July, Helsinki
24. WCC-3, 31 August – 4 September, Geneva
25. WMO/IAEA Experts Workshop on Observations of Greenhouse Gases and Related Tracers, 7-10 September 2009 Volksbad, Jena, Germany
26. WMO Scientific Advisory Group on GHGs, 11 September 2009, Max-Planck-Institute for Biogeochemistry, Jena, Germany
27. 8th International Carbon Dioxide Conference (ICDC8), 13-19 September 2009, Friedrich-Schiller University of Jena, Jena, Germany
28. NDACC Steering Committee meeting, September, Geneva
29. IGAC Steering Committee, 21-25 September (tentative), Kyoto, Japan
30. Swiss GAW, 29 October, Zurich
31. GAWTEC XVII Training Course, Hohenpeissenberg/Zugspitze
32. WMO/UNEP ozone assessment meeting of authors and reviewers, November, US
33. CAS, 18-27 November, Seoul, Korea.

WWRP Meetings 2008 and Projected for 2009

WWRP meetings in 2008

1. COPS Science Symposium, France, Oct 2008
2. WGNE Meeting (3 to 7 November, Montreal) -- note also listed under THORPEX
3. WWRP Briefing to US National Academies of Science (6 November, Washington DC)
4. EU-Africa-Middle East Regional Meeting of SDS-WAS Project, Tunis-Carthage, 24-25 November 2008
5. Asian Regional Meeting of the SDS-WAS Project, Beijing, China, November 2008
6. Meeting of the Int'l Scientific Steering Committee of MEDEX, (Barcelona, 24-25 Nov)
7. Joint Meeting of the Working Groups on Mesoscale Forecasting Research and the Joint Working Group on Verification -- planning for Shanghai, MHEWS, (1-3 December 2008 -- Shanghai, China)

THORPEX meeting in 2008

8. GEO STC meeting in September - (JC attending)
9. Health Forum meeting in Oxford (3 September) - (DB to attend)
10. THORPEX mini - workshop (22 - 26 September) - (everyone attending)
11. EMS Annual Meeting (29 September -) - (DB & DP)
12. UK THORPEX meeting (8/9/10 October) - (DB attending)
13. NCEP meeting on Winter TPARC (8/9/10 October) - (DP to attend?)
14. CAS Management Meeting (27 to 29 October) - (JC & DB will be in Geneva at this time)
15. EC Expert Committee (Geneva - 30 & 31 October) - (DP & DB)
16. WGNE Meeting (3 to 7 November) - (DP & GB)
17. Buenos Aires DA meeting (November 2008) - (SN attending)
18. ICSC 7 (18 to 20 November 2008) - (DP, DB, JC)
19. CONCORDIASI Science Planning Meeting, Toulouse, 10 December 2008

WWRP meetings projected in 2009

1. International Conference on Indian Ocean Tropical Cyclones and Climate Change, Oman, March 2009
2. Combined Meeting of all WWRP Working Groups, TBD-March 2009
3. WWRP JSC, TBD-March 2009
4. International Workshop on Tropical Cyclone Landfall Processes, Shanghai, April 2009
5. 4th WMO Intl Symposium on Verification, Helsinki, June, 2009.
6. 9th WMO Intl Symposium on Nowcasting and Very Short Range Forecasting, British Columbia, 30 Aug-4 Sept 2009
7. 5th WMO Intl Symposium on Data Assimilation, Melbourne, 5-9 Oct 2009
8. SDS-WAS Science Meeting and Training Workshop, TBD
9. SDS-WAS Regional Meetings, TBD
10. WGNE, TBD
11. CAS Management Meeting and Pre-CAS Conference, Nov 2009

THORPEX meeting projected in 2009

12. THORPEX sessions, 9th International Conference on Southern Hemisphere Meteorology and Oceanographic, Feb 2009
13. TIGGE LAM, Bologna, Jan 2009
14. Follow up to African planning probably at ICTP (February 2009)
15. S Hemisphere Symposium (4 to 8 May 2009)
16. TIGGE Users meeting (between 4 to 8 May 2009)
17. THORPEX EC02 (Spring 2009)
18. Asian-hosted YOTC meeting
19. N American Regional Committee meeting, Mexico TBD
20. Asian Regional THORPEX Committee meeting, TBD
21. EU Regional THORPEX Committee, TBD
22. African THORPEX Regional Committee Meeting, TBD
23. THORPEX IPY (Summer 2009)
24. WWRP JSC (???)
25. THORPEX WGs (early Autumn 2009)
26. ICSC 8 (Autumn 2009)
27. CAS (Autumn 2009)
28. T-PARC Science Meeting, TBD
29. GEO STC, TBD
30. GEO Plenary, TBD