

Report on ICMA Activities Since the Sapporo Meeting

Submitted by Kevin Hamilton, ICMA President, July 2005.

Meetings

Since the IUGG General Assembly in Sapporo, ICMA has cosponsored three workshops (all joint meetings with IAGA):

Second IAGA/ICMA Workshop on Solar Forcing in the Middle Atmosphere.
Prague, Czech Republic, September 15-18, 2003.

Third IAGA/ICMA Workshop on long-Term Changes and Trends in the Atmosphere.
Sozopol, Bulgaria, June 09-14, 2004. A conference proceedings will be published in a special issue of *Physics and Chemistry of the Earth*.

Second IAGA/ICMA Workshop on Vertical Coupling in the Atmosphere/Ionosphere System.
Bath, United Kingdom, July 12-15, 2004.

Following our long-standing custom of meeting alternately with the Scientific Assemblies of IAMAS and IAGA, ICMA cosponsored the Tenth IAGA Scientific Assembly held in Toulouse, France, July 18-29, 2005. ICMA was the sponsor or cosponsor of several symposia during the meeting including: MA01 Middle Atmosphere Science (ICMA only); JSMA01 Layered phenomena near the mesopause (joint with IAGA Division II); JSMA02 Solar variability effects on the middle atmosphere and troposphere (joint with IAGA Divisions II and IV); JSMA03 Short-term variability and long-term changes in the lower and middle atmosphere (joint with IAGA Division II); JSII01 Vertical coupling of the atmosphere-ionosphere system and solar effects on it (joint with IAGA Division II); and JSII02 Long-term trends in the upper atmosphere (joint with IAGA Division II).

Working Group Activities

Our working groups on (i) Long-Term Trends in the Thermosphere and Ionosphere and Mesosphere (LT-TIME), and (ii) Numerical Modelling have both worked on writing reviews of important issues.

(i) The LT-TIME group published a review of temperature trends in the mesosphere:

Gufran Beig et al., 2003: Review of Mesospheric Temperature Trends. *Reviews of Geophysics*, 41, doi:10.1029/2002RG000121.

This paper was awarded the 2005 Norbert-Gerbier Mumm prize by the WMO!

(ii) the Numerical Modelling working group continues to write a review paper on the subject of modelling of solar tides in the atmosphere.

