



EMS

ANNUAL REPORT

European Meteorological Society



Henri Buffetaut: Supercell above Magny-en-Vexin

2010

The Society's Annual Report is submitted to the
EMS General Assembly
by the EMS Council

Content

Message from the President	3
EMS constitution	4
10th Annual Meeting	5
Publications	9
Europhotometeo	10
Awards and Prizes	11
Finance	14
Membership of Council and Council bodies	15
Membership	16

Message from the President

Dear colleagues and friends,

This is the last Annual Report I have the honour to present to the EMS Membership as my term as President of EMS will come to an end according to the constitution of the EMS, and I look back on three fruitful years.



I was very lucky to become elected as EMS President at a time when the new strategy implementation plan had just been adopted and aims and objectives were clearly set out. The challenge was – and still is – to further develop the communication between the different organisations and communities in meteorology in Europe and provide better opportunities to exchange experience and learn from each other.

Despite important steps forward, this will always remain a challenge in the fast changing modern world, and the Policy Advisory and Development Group and the Editorial Board to which I contributed have focussed much of their work on the aspects of communication and exchange of information on many levels.

The EMS Annual Meeting 2010 in Zürich was extremely successful with more than 600 colleagues participating. The Meeting is now firmly established in the calendar of the European meteorological community and plays a major role in this context. Also the collaboration with the ECAC (European Conference on Applied Climatology) and ECAM (European Conference on Applications of Meteorology) meetings have proved immensely fruitful, discussing pressing issues and challenges on a very high level.

A highlight of the Meeting for me was to hand over the most prestigious award of EMS, the EMS Silver Medal, to David Burridge, the former Director of ECMWF and my predecessor as President of EMS.

I would like to take the opportunity to thank all the EMS Members and partners for their support and collaboration. In particular I would like to express my thanks to all colleagues who have contributed actively and voluntarily – this has to be underlined – to the further development of EMS by their involvement in the General Assembly, the Council, the Committees and the Project Teams. In particular I express my thanks to the EMS Councillors I have worked with over the last three years; the discussions in the Council and its committees have been very interesting and characterised by an open, friendly and productive atmosphere. Last not least I have to thank Martina Junge, the Executive Secretary of EMS, for three years of excellent and enjoyable cooperation, her work is essential for EMS.

Finally I would like to wish the EMS under the incoming President all the best for the future. I am convinced that the EMS will continue to play its vital role in the European meteorological community.

Fritz Neuwirth, EMS President

MISSION STATEMENT

The European Meteorological Society (EMS) will advance the science, profession and application of meteorology, and of sciences related to it, at the Europe-wide level, for the benefit of the whole population.

To this end, EMS will help its Member Societies and Associate Members, individually and collectively, benefit all classes of their membership.

In particular, EMS will work to achieve better communication and understanding amongst the individual members of the European meteorological community under the auspices of Member Societies and Associate Members.

EMS shall be a non-profit-making organization, operating always under its Constitution approved at a General Assembly by its Member Societies, and will arrange its activities economically, with the public good in mind.

EMS constitution

Following discussions over the period of one year, first within the Policy Advisory and Development Group and the EMS Council and subsequently with the EMS Membership, the constitution of the EMS has been revised to take account of the changing requirements of the Society and the need to be more effective in satisfying its objectives.

The 12th General Assembly on 12 September 2010 in Zürich voted for the following changes in the constitution:

- The institutions eligible for Associate Membership now explicitly include research and education institutes and departments.
- The number of Vice Presidents was reduced from three to one. In addition the office of the Treasurer was separated from that of Vice President.

- Both the Vice President and the Treasurer are now elected for three years (instead of one) to ensure some continuity and effective working relationships.
- The President automatically becomes a member of the EMS Council. This might result in the Council having ten members instead of nine when the President is not a representative of one of the Member Societies.

The full text of the constitution is accessible at

www.emetsoc.org/organisation/documents.php



Hanneke Luyfing: Northern Lights from Kvaløydagen

10th EMS Annual Meeting

In the centre of Europe more than 600 people from all sectors of meteorology, climatology and related disciplines met in Zürich in September 2010 to present and discuss the latest developments in their field.

A particular focus of the EMS Annual Meeting and Eighth European Conference on Applied Climatology (ECAC) was the relevance of results and products for society and how these can be transformed into useful and accessible services.

Opening programme

The Opening Session highlighted the challenges and achievements, as well as the problems and the vision for future developments.

- Michel Jarraud, WMO
Global Framework for Climate Services
- Johannes Schmetz, EUMETSAT
On the Role of Climate Observations from Space for Climate Services
- Dick Dee, ECMWF,
The role of atmospheric reanalysis in future climate services
- Steve Noyes, EUMETNET,
Moving towards high resolution climate services - some of the challenges and opportunities
- Guy Brasseur, Climate Service Center, Hamburg,
From Global Change Science to Earth System Management

The webcasts of the welcome addresses, award presentations and strategic lectures of the opening session are available at:

www.multimedia.ethz.ch/conferences/2010/emsecac

The president of the hosting Swiss Society for Meteorology,



Markus Furger (left), explained to the audience the relation between forecasts that are 100% correct and those that are completely useless. He illustrated the concept with the allegory of the rooster. A rooster of 3.5 kg of genuine Swiss chocolate was subsequently presented to the EMS President, Fritz Neuwirth (right). Markus's considerations

can be followed via the webcast of the opening session.

The first day of the conference ended with participants attending an icebreaker reception at the kind invitation of the City and Kanton Zürich. The EMS President used the opportunity to kill the rooster which the participants happily consumed within minutes – pictures of this happening are available at a photo gallery: www.ems2010.ch/gallery2.



Towards climate change services

A full day was dedicated to the presentation of projects and activities throughout Europe (and beyond) that strive to bridge the gap between the available knowledge on climate change and the practical use in strategic planning on local, regional, national and international levels.

Communication is at the centre of these services and climate scientists have been perceived as being rather unskilled communicators. The way meteorologists and climatologists convey their findings to the public, stakeholders, administrators and policy makers has been discussed at the Media Session of the EMS Annual Meetings since its inception.

This time the issue was additionally highlighted in a plenary session with panel members from media, science and policy discussing how to deal with uncertainty and risks in the communication process on different levels.

The theme and challenges were set by three introductory talks:

- Robert Dijkgraaf, Royal Netherlands Academy of Arts and Sciences
Review of the processes and procedures of the IPCC
- Andre Jol, EEA
Strategies to adapt to climate change and information needs
- Martin Visbeck, Programme Committee WCC-3
From climate assessments to climate services: opportunities and challenges for climate change communication

The following discussion was steered by Hugh Davies, ETH Zürich. Different aspects were highlighted in introductory remarks by the panelists:

- Robert Dijkgraaf – President Royal Netherlands Academy of Arts and Sciences
- Thomas Stocker – Co-Chair IPCC Fifth Assessment Report, Working Group I
- Martin Bäumle – Member Swiss National Parliament, Member of Commission for the Environment and Energy
- Fred Pearce – Science journalist, London, UK
- David Bresch – Head of Sustainability & Emerging Risk Management, Swiss Re

Issues discussed included:

- Why do climate scientists need to communicate their results – and to whom?
- The public perception of the IPCC and its procedures
- Are scientists the best ambassadors of the science and its results?
- How can assessments of results, i.e. the difference between robust results, uncertainties and emerging results and even speculations be explained?
- Is a price tag the only information companies can understand and will act on?
- The role of the changing communication arena and social networks
- Is there a vision for communication of climate change?

The full discussion is available as video or audio-mp3 via

www.multimedia.ethz.ch/conferences/2010/emsecac

Session programme

The conference programme consisted of 28 sessions in four programme groups:

- Climate (ECAC)
- Atmosphere and the water cycle
- Communication and education
- Numerical weather prediction

Around 300 posters were displayed and 400 oral presentations given during the week. The feedback from participants indicated that overall the level of presentations was of a high quality.



Outstanding Poster Awards

An Outstanding Poster Award was established in 2009 to highlight good quality posters presented at the EMS Annual Meetings. In Zürich two posters were selected:

- Svetlana Reneva, University of St.Petersburg: *Effect of wetland types on methane emission from Russian frozen wetlands under conditions of climate change.*
- Marie Berthelot, Laurant Dubus, and J. Gailhard, EDF, France: *Improvement of ECMWF monthly forecasts of precipitation over France with an analog method.*

The posters and the award citations can be found at

www.emetsoc.org/links/BestPractice.php.

The selection committee for the Outstanding Poster Award consisted of Jochen Grandell (chair, EUMETSAT), Saskia Willemse (MeteoSwiss), Anna Maria Sempreviva (ISAC CNR, Italy), Martin Piringer (ZAMG, Austria), Peter Bultjes (TNO, The Netherlands) and Sylvain Joffre (FMI, Finland). They assessed all the posters on Monday and Tuesday according to their visual aspects, attractiveness and clarity/fluency of the message to create a short list. Subsequently the shortlisted posters were studied in-depth according to their scientific quality, innovativeness of the approach and potential impacts of the results.

Side meetings

A number of organizations used the opportunity to arrange side meetings at the conference. These included the EWENT workshop on 'Estimation of Probabilities of Extreme and Harmful Weather Events in a Changing Climate' (organized by the EU/FP7 project Extreme Weather Impacts on European Networks of Transport), CIRCE RL2 meeting, ESSL Advisory Council and ESSL General Assembly, Informal WMO RA VI Pilot RCC-Network Coordination Meeting and the EUMETNET Climate Change Services Working Group.

A networking event for women was organised by the Earth Science Women's network (ESWN) and EMS. Elke Hodson (researcher at WSL, Zürich) gave a presentation on ESWN's aims and activities, and more widely on networking amongst women scientists and other networks, particularly in Europe. The presentation was followed by a discussion on the existence of other networks, and inspired many discussions. The participants, more than 40 women, felt that such networking meetings are very useful, and would like to see more opportunities of this kind.

All plenary sessions have been recorded and the link to the webcasts, photo galleries, presentations, and the session programmes are all available from

www.emetsoc.org/annual_meetings/annual_meetings.php
or meetings.copernicus.org/ems2010.

Publications

As in previous years, publication of conference papers in the Open Access journal 'Advances in Science and Research' was offered to participants of those sessions for which convenors are acting as guest editors of the journal. 14 sessions took up this opportunity. The published papers (49) have become available at: www.adv-sci-res.net/topical_library.html. The publication is generously supported by the Swiss Academy of Sciences.



"The European Meteorological Society was established to provide a forum for disseminating information and facilitating discussions on a wide variety of themes and issues connected with meteorology, hydrology, oceanography, earth observation and the climate system ..."

EMS Strategy
Implementation
Plan 2008

The conference programme and abstracts continue to be accessible through the conference web site at:

meetings.copernicus.org/ems2010.

Presentations of the conference, for which the authors kindly agreed to make them publicly available, are accessible at the EMS Internet site at:

www.emetsoc.org/annual_meetings/presentations_2010.php.

Feedback

Satisfaction with the programme and the organization was quite high, and there was huge interest in poster presentations. Indeed more time for poster viewing would generally be appreciated. Details on feedback from participants through an online survey are available at:

[www.emetsoc.org/annual_meetings/documents/EMS & ECAC 2010-feedback.pdf](http://www.emetsoc.org/annual_meetings/documents/EMS%20%26%20ECAC%202010-feedback.pdf).

The local hosts

The success of this meeting was only possible through the commitment and tremendous support of the local hosts: the Schweizerische Gesellschaft für Meteorologie SGM, the Institute for Atmospheric and Climate Science at the ETH and MeteoSwiss. The participants felt warmly welcome by the hospitality of their hosts. This illustrates once more the potential of the EMS – it is strong when the EMS Members take initiative and develop European activities.

EMS & ECAC 2010 PROGRAMME AND SCIENCE COMMITTEE

Erik Andersson (ECMWF)
 Christof Appenzeller (ECSN, MeteoSwiss)
 Pierre Bäuer (SMF, France)
 Horst Böttger (chair, EMS)
 Tanja Cegnar (EARS, Slovenia)
 Ben Dieterink (HMEI)
 Zoltan Dunkel (MMT, Hungary)
 Jochen Grandell (EUMETSAT)
 Markus Furger (SGM, Switzerland)
 Sylvain Joffre (FMI, Finland)
 Martina Junge (EMS)
 Haleh Kootval (WMO)
 Evangelina Oriol-Pibernat (ESA)
 Jean Pailleux (France)
 Heleen ter Pelkwijk (NVBM, The Netherlands)
 Hans Richner (SGM, IACETH, Switzerland)
 Aryan van Engelen (ECSN, KNMI)
 Saskia Willemse (MeteoSwiss)



All photos from the EMS&ECAC reproduced in this report were taken by A. Walker.

Publications

The programme of publications and information provision by the EMS has been continually developed and extended in recent years. The original printed Newsletter had its last edition in 2006 and was transformed into the Annual Report, the latest issue now in your hands. This is the only printed publication that the EMS produces (complemented by its online version). All other publications are now available via the Internet to ensure prompt and easy access to information.

Editorial Board

With the implementation of a new strategy plan in 2008 the Policy Advisory and Development Group was tasked to develop and revise communication strategies. With the main elements in place now, the team's mission appeared accomplished, and an editorial board was created to support the Executive Secretary in the development of content for the *ems-message* and the *emetsoc.org* website. The board has the following members: Bob Riddaway (chair; RMetS, UK), Claude Pastre (SMF, France), Fritz Neuwirth (ÖGM, Austria).

Publication of contributions to the EMS Annual Meeting and ECAM 2010

As in recent years, a number of convenors of sessions held at the EMS Annual Meeting and European Conference on Applications of Meteorology acted as guest editors of 'Advances in Science and Research', and 49 manuscripts were published in early 2011. This is the fifth volume of EMS Annual Meeting proceedings and all are available at www.adv-sci-res.net/volumes.html.

In addition, authors were offered the option to have their presentations given during the conference published on the *emetsoc.org* web site, dedicated to publications at www.emetsoc.org/annual_meetings/presentations_2010.php.

ems-message

In 2008 the *ems-message*, an online newsletter, was developed by the then Publications Committee that had started to analyse the means of communication within the EMS community. The newsletter was intended to facilitate and speed up exchange of information amongst the meteorological community, its individuals and organizations. The *ems-message* was well received, and developed into a means of communicating information on activities of EMS Members, as well as activities and announcements by the EMS. By the end of 2009 the option for individuals to subscribe to the *ems-message* had been provided and the take-up is constantly rising.

Website

The most important tool of communication between EMS and its Member organisations, as well as communication to the interested community beyond, is the presence of the EMS on the Internet at *emetsoc.org*.

Media DVD

In the Media Session of the EMS Annual Meetings, developments in broadcast weather forecast techniques and communication to the general public are reflected and discussed. The DVD that is produced from this session includes the clips that are submitted for the annual TV weather forecast award. Also included are the presentations given in the session and papers that resulted from the discussions at the Meetings. The DVD will be distributed to conference participants of the EMS and ECAM 2011 but can be directly requested from the EMS.



“EMS will work to achieve better communication and understanding amongst the individual members of the European meteorological community”

EMS Strategy
Implementation
Plan 2008

First EMS Photo Competition

At the initiative of the Spanish Meteorological Society *AME*, in 2010 the EMS initiated the first Europhotometeo competition and called for submissions of photos related to meteorology taken in 2009. 429 photos were admitted to the competition. These are accessible at <http://europhotometeo-ems.blogspot.com>.

86 photos were pre-selected by the Organising Committee, consisting of Fernando Bullón (Europhotometeo coordinator), José Antonio Quirantes, Ramón Vazquez and Fernando Aguado, all from the Spanish Meteorological Society *AME*.

From 26 February to 25 March 2010 the Jury, consisting of the nine members of the EMS Council and the presidents of all EMS Member Societies, cast their vote for their top ten photos.

We thank everyone who has submitted photos to this competition. The quality and quantity of pictures was impressive. Thus ranking the photos posed a great challenge for each Jury member.

The winning entries are available via

www.emetsoc.org/newsarchive/news_20100331.php.

All competition entries can be found at

europhotometeo-ems.blogspot.com/

Some of the pictures are printed in this report.

Josep Lluís Grau: Fog in Malpas



Awards and Prizes

The Awards Programme of the EMS is attracting increasing interest each year. Most awards are given as travel support for young scientists in the early stage of their career. As a result they can participate in international conferences that provide opportunities for exchanging information and developing their expertise. Also the Young Scientist Award is presented annually to acknowledge excellence in young scientists.

Awards to recognize important achievements in careers of meteorologists are the EMS Silver Medal and the Media Awards.

EMS Silver Medal

The EMS Silver Medal was awarded to David Burridge, the former director of the European Centre for Medium-Range Weather Forecasts, and President of the European Meteorological Society from 2005 to 2008, for his outstanding leadership and scientific contributions in the field of numerical weather prediction. Additionally, Dr Burridge is an excellent advocate for the meteorological sciences; he is able to explain convincingly scientific issues to experts, whilst being adept at conveying complex ideas to the public and the media in an understandable way.

The Award Ceremony was held on 15 September 2010 during the EMS Annual Meeting & ECAC in Zürich, Switzerland. The prize was presented by the EMS President, Fritz Neuwirth. In his eulogy, Huw Davies, emeritus professor of ETH and long-time colleague of David Burridge, was constantly asking the question: 'Where was David Burridge?' when he described the development of NWP from the 1970s to the present. It was clear that David Burridge contributed to many of the decisive developments in NWP during the past 40 years.



David Burridge's Silver Medal Lecture was entitled: Weather Forecasting in Europe.

The Webcast of the Silver Medal Laudatio by Huw Davies, and the Silver Medal Lecture by David Burridge are available from

www.multimedia.ethz.ch/conferences/2010/emsecac.

Young Scientist Award

The Young Scientist Award was presented to John Marsham, University of Leeds, UK, for his two publications 'Variable cirrus shading during CSIP IOP5: Effects on the convective boundary layer', and 'Variable cirrus shading during CSIP IOP5: Effects on the initiation on convection', that demonstrate his versatility in using both observations and models.

John Marsham's website: homepages.see.leeds.ac.uk/~lecjm



Young Scientist Award for John Marsham



Silver Medalist David Burridge (right)



Laudatio given by Huw Davies

Media Awards

The presentation of the EMS Media Awards took place during the Media Session at the EMS Annual Meeting.

The **Broadcast Meteorologist Award** was presented to Bengt Lindstroem. The Swedish Broadcast Meteorologist was honoured for his exceptionally long and expert career as an on-screen Broadcast Meteorologist. He is a master in naturally bringing together the description of weather situations with delivering forecasts.

The **TV Weather Forecast Award** was awarded to Florin Busuioc, Pro Tv, Romania.

The winning forecast video is available via

www.emetsoc.org/links/BestPractice.php.

For the **Outreach and Communication Award** the project *Météo-Jeunes Regional Meetings*, France was selected.

Météo-Jeunes Regional Meetings appeals mainly to young weather buffs, but it cuts across age groups and appeals to amateurs and professionals alike. It is designed to deepen the interest of children in weather-related subjects, and has serious pedagogic value as well. The project is very well run, and brings a lot of pleasure to the participants. Whetting the appetites of tomorrow's weather experts – what could be more useful than that?



Broadcast Meteorologist Award for Bengt Lindstroem



TV Weather Forecast Award: Florin Busuioc



Jean Pailleux accepting the Award Trophy on behalf of the *Météo-Jeunes* organisers.

The European Meteorological Society made 22 *Young Scientist Travel Awards* in 2010: These have supported young scientists from 15 countries: Andorra (1), Belgium (3), Bulgaria (2), Croatia (1), France (2), Germany (1), Hungary (3), Norway (2), Spain (1), The Netherlands (1), Portugal (1), Russia(1), Turkey(1), UK (1), Ukraine (1). Five of these awards were funded by the Swiss Society for Meteorology (SGM) for the EMS&ECAC, two by EUMETSAT for the 2010 EUMETSAT Meteorological Satellite Conference.

Reports provided by award recipients are available at www.emetsoc.org/awards/yستا_2010.php.

<p>10th EMS Annual Meeting and 8th ECAC 13–17 September 2010 Zürich, Switzerland</p> <p><i>Five of these awards were funded by the Swiss Society for Meteorology (SGM).</i></p>	<p>Damyan Barantiev National Institute of Meteorology and Hydrology, Bulgaria.</p>
	<p>Stéphanie Singla Météo-France, France.</p>
	<p>Zornitsa Spasova National Center of Public Health Protection, Sofia, Bulgaria.</p>
	<p>Rafiq Hamdi Royal Meteorological Institute, Belgium.</p>
	<p>Laura Trapero Bagué Snow and Mountain Research Centre of Andorra (CENMA-IEA).</p>
	<p>Erika Miklos Eotvos Lorand University, Budapest, Hungary.</p>
	<p>Gabriella Szépszó Hungarian Meteorological Service, Budapest.</p>
	<p>Matthieu Chevallier CNRM-Météo France, Toulouse.</p>
	<p>Matthias Demuzere Katholieke Universiteit Leuven, Belgium.</p>
	<p>Elena Maksimovich University Pierre et Marie Curie, Paris, France (Russian).</p>
<p>BALWOIS 24–27 May 2010, Ohrid, FYRO Macedonia</p>	<p>Hazan Özdemir Istanbul University, Turkey.</p>
<p>12th Nordic Meteorologists' Meeting 7-11 June 2010, Helsinki</p>	<p>Tiina Kilpelainen The University Centre Svalbad, Norway.</p>
<p>ISARS2010 28-30 June 2010, Paris</p>	<p>Marius Jonassen University of Bergen, Norway.</p>
<p>ESA/ESRIN Summer School on Earth Observation August 2010</p> <p>Best poster awards</p>	<p>Christopher Lee University of Manchester, UK.</p>
<p>ECMWF Annual Seminar, 6–9 September 2010, Reading, UK</p>	<p>Ana Filipa Carvalho Dept of Oceanography&Fisheries, University of the Azores, Portugal.</p>
<p>6th ERAD 6 – 10 September 2010, Sibiu, Romania</p>	<p>Pieter-Jan Baeck Royal Meteorological Institute of Belgium</p>
<p>2010 EUMETSAT Meteorological Satellite Conference 20 – 24 September 2010 Córdoba, Spain</p> <p><i>Two of these awards were funded by EUMETSAT.</i></p>	<p>Ivan Güttler Croatian Meteorological Service, Zagreb.</p>
	<p>Anna Linkova Institute of Radiophysics and Electronics of NAS of Ukraine.</p>
	<p>Beatriz Gallardo-Hernando Technical University of Madrid (ETSIT-UPM), Spain.</p>
	<p>Zsófia Kocsis Hungarian Meteorological Service.</p>
	<p>Cintia Carbajal Henken Utrecht University/ KNMI, The Netherlands.</p>
	<p>Dennis Stich DLR, Germany.</p>

Finance 2010

The financial situation of the EMS is healthy. The balance as at 31 December 2010 has increased by 22 467.61€ as compared to 31 December 2009.

Summary Statement of Financial Activities for the Year 2010:

All financial figures are given in Euro.

	2010	2009
INCOME		
Income Societies Membership Fees	17 750.40 ^a	33 273.95
Income Associate Membership Fees	38 580.68 ^a	39 390.69
Annual Meetings	56 186.92	19 404.73
Tax on income Annual Meeting	3 933.08	1 358.33
TOTAL INCOME	116 451.08	93 427.70
EXPENDITURE		
Salary Secretary (incl. expenses for employer)	63 399.96	55 879.46
Banking charges	171.10	77.40
Travelling	7 332.78	7 444.69
Office costs	704.25	2 141.90
Honoraries, Fees, Insurances	4 355.04	2 812.04
Awards	12 332.01	12 169.36
Publications	3 469.28	3 792.72
PADG and Project Teams	760.72	1 145.95
Other costs	100.00	27.38
Tax on income Annual Meeting	1 358.33	
TOTAL EXPENDITURE	93 983.47	85 490.90
INCOME – EXPENDITURE	22 467.61	7 936.80
ACCOUNT BALANCE 31 DECEMBER	96 540.83	74 073.22

a. Membership Fee (2010 and arrears 2009):

<i>Membership Fees Member Societies 2009:</i>	<i>254.66€</i>
<i>Membership Fees Member Societies 2010:</i>	<i>17 495.74€</i>
<i>Membership Fees Associates 2009:</i>	<i>1 000.00€</i>
<i>Membership Fees Associates 2010:</i>	<i>37 580.68€</i>

Use of funds

The funds available will be used to fund the priority activities identified in the Strategy Implementation Plan and by the Council.

Audit

The financial accounts have been audited on 5 July 2011 by the auditor appointed by the EMS General Assembly 2010. His report will be submitted to the EMS General Assembly 2011 (Berlin, 11 September 2011).

Auditor:
Clemens Kucklick
Kantstraße 151
10623 Berlin
Germany
www.ckucklick-wp.de

COMMITTEE MEMBERSHIP**POLICY ADVISORY AND
DEVELOPMENT GROUP**

Bob Riddaway (RMetS, UK)
 Joanna Wibig (PTG, Poland)
 Heleen ter Pelkwijk (NVBM,
 The Netherlands)
 Fritz Neuwirth (ÖGM, Austria)
 Manuel Palomares (AME, Spain)
 Rolf Philipona (SGM, Switzerland)
 Zoltan Dunkel (MMT, Hungary)
 Martina Junge

COMMITTEE ON MEETINGS

Horst Böttger (Chair, DMG, Germany)
 Sylvain Joffre (FMI, Finland)
 Jean Pailleux (SMF, France)
 Olivija Morell (Meteo Mak,
 FYRO Macedonia)
 Heleen ter Pelkwijk
 (NVBM, The Netherlands)
 Hans Richner (SGM, Switzerland)
 Martina Junge

AWARDS COMMITTEE

Dario Giaiotti (Chair, UMFVG, Italy)
 Sarah Jones (DMG, Germany)
 Johannes Schmetz (EUMETSAT)
 Jenni Rauhala (FMI, Finland)
 Hans Richner (SGM, Switzerland)

CHAIR MEDIA TEAM

Tanja Cegnar (SMD, Slovenia)

CHAIR PROJECT TEAM EDUCATION

Tomas Halenka (ČMeS,
 Czech Republic)

CHAIR PROJECT TEAM**PROFESSIONAL PRACTICES**

Christophe Billard (SMF, France)

EDITORIAL BOARD

Bob Riddaway (Chair, RMetS, UK)
 Claude Pastre (SMF, France)
 Fritz Neuwirth (ÖGM, Austria)

STAFF

EMS Executive Secretary:
 Martina Junge
 Tel: +49 – 30 – 7970 8328
 e-mail: ems-sec@emetsoc.org

EUROPEAN METEOROLOGICAL SOCIETY

registered: Vereinsregister Amtsgericht
 Berlin-Charlottenburg VR 21170 B

Auditor:

Clemens Kucklick
 Kantstraße 15
 10623 Berlin
 Germany
www.ckucklick-wp.de

Bank Account:

Deutsche Bank
 BLZ 100 700 24
 Account 881 7777
 BIC/SWIFT DEUTDE33
 IBAN DE84100700240881777700

EMS COUNCIL

From 12 September 2010 the
 following Council held office:

PRESIDENT

Fritz Neuwirth

VICE-PRESIDENT

Bob Riddaway

TREASURER

Gerhard Steinhorst

PERMANENT MEMBERS OF COUNCIL

Jean-Pierre Chalon (SMF, France)
 Bob Riddaway (RMetS, UK)
 Gerhard Steinhorst (DMG, Germany)

ROTATING MEMBERS OF COUNCIL

Fernando Aguado (AME, Spain)
 Constanta Boroneant (RMS, Romania)
 Dagmar Kotlarikova (SMS, Slovakia)
 Matthias Mohr (NMF, Norway)
 Olivija Morell (Meteo Mak,
 FYRO Macedonia)
 Fritz Neuwirth (ÖGM, Austria)

c/o Institut für Meteorologie

Freie Universität Berlin

Carl-Heinrich-Becker-Weg 6 – 10

12165 Berlin

Tel: +49 – 30 – 7970 8328

e-mail: ems-sec@emetsoc.org

www.emetsoc.org

EMS MEMBER SOCIETIES 2010

ANDORRA ASOCIACIÓ DE METEOROLOGIA I CIENCIES DE L'ATMOSFERA D'ANDORRA

AUSTRIA ÖSTERREICHISCHE GESELLSCHAFT FÜR METEOROLOGIE

BELGIUM SOCIÉTÉ ROYALE BELGE D'ASTRONOMIE, DE MÉTÉOROLOGIE ET DE PHYSIQUE DU GLOBE

BULGARIA AVIOMETEOROLOGICAL CLUB OF BULGARIA

CROATIA HRVATSKO METEOROLOSKO DRUSTVO

CYPRUS CYPRUS METEOROLOGICAL ASSOCIATION

CZECH REPUBLIC ČESKÁ METEOROLOGICKÁ SPOLEČNOST

DENMARK DANSK METEOROLOGISK SELSKAB

FINLAND GEOFYYSIKKOJEN LIITTO
GEOFYSIIKAN SEURA

FRANCE SOCIÉTÉ MÉTÉOROLOGIQUE DE FRANCE

FYROM METEO MAK

GERMANY DEUTSCHE METEOROLOGISCHE GESELLSCHAFT

GREECE ELLINIKI METEOROLOGIKI ETAIREIA

HUNGARY MAGYAR METEOROLÓGIAI TÁRSASÁG

ICELAND FÉLAG ÍSLENSKRA VEÐURFRÆÐINGA

ISRAEL ISRAEL METEOROLOGICAL SOCIETY

IRELAND IRISH METEOROLOGICAL SOCIETY

ITALY SOCIETÀ METEOROLOGICA ITALIANA
ASSOCIAZIONE ITALIANA DIE AGROMETEOROLOGIA
ASSOCIAZIONE GEOFISICA ITALIANA
UNIONE METEOROLOGICA DEL FRIULI VENEZIA GIULIA

THE NETHERLANDS NEDERLANDSE
VERENIGING VOOR BEROEPS METEOROLOGEN

NORWAY NORSK METEOROLOGIFORENING

POLAND POLSKIE TOWARZYSTWO GEOFIZYCZNE
– METEOROLOGICAL SECTION

PORTUGAL ASSOCIAÇÃO PORTUGUESA DE
METEOROLOGIA E GEOFISICA

ROMANIA SOCIETATEA METEOROLOGICA ROMANA

SERBIA METEOROLOSKO DRUSTVO SRBIJE

SLOVAKIA SLOVENSKÁ METEOROLOGICKÁ SPOLEČNOST

SLOVENIA SLOVENSKO METEOROLOŠKO DRUŠTVO

SPAIN ASOCIACIÓN METEOROLOGICA ESPAÑOLA
ASOCIACIÓN ESPAÑOLA DE BIOMETEOROLOGÍA

SWEDEN SVENSKA METEOROLOGISKA SÄLLSKAPET

SWITZERLAND SCHWEIZERISCHE GESELLSCHAFT FÜR
METEOROLOGIE

UNITED KINGDOM ROYAL METEOROLOGICAL SOCIETY

European Meteorological Society**EMS ASSOCIATE MEMBERS 2010**

INTERNATIONAL ORGANIZATIONS

ECMWF (READING, UNITED KINGDOM)

ESA (PARIS, FRANCE)

EUMETSAT (DARMSTADT, GERMANY)

NATIONAL AND REGIONAL METEOROLOGICAL SERVICES

CZECH HYDROMETEOROLOGICAL INSTITUTE (CHI, CZECH REPUBLIC)

DEUTSCHER WETTERDIENST (DWD, GERMANY)

FINNISH METEOROLOGICAL INSTITUTE (FMI, FINLAND)

HUNGARIAN METEOROLOGICAL SERVICE (OMSZ, HUNGARY)

INSTITUTE OF METEOROLOGY AND WATER MANAGEMENT (IMGW, POLAND)

AGENCIA ESTATAL DE METEOROLOGIA (AEMET, SPAIN)

KONINKLIJK NEDERLANDS METEOROLOGISCH INSTITUUT (KNMI, THE NETHERLANDS)

MÉTÉO-FRANCE (FRANCE)

MET OFFICE (UNITED KINGDOM)

METEO SWISS (SWITZERLAND)

NATIONAL METEOROLOGICAL ADMINISTRATION (NMA, ROMANIA)

NORWEGIAN METEOROLOGICAL INSTITUTE (MET.NO, NORWAY)

REGIONAL METEOROLOGICAL OBSERVATORY OF ARPA FRIULI VENEZIA GIULIA (OSMER, ITALY)

ROYAL METEOROLOGICAL INSTITUTE (RMI, BELGIUM)

SWEDISH METEOROLOGICAL AND HYDROLOGICAL INSTITUTE (SMHI, SWEDEN)

ZENTRALANSTALT FÜR METEOROLOGIE UND GEODYNAMIK (ZAMG, AUSTRIA)

COMPANIES

AZERBAIJAN AERONAVIGATIONS (BAKU, AZERBAIJAN)

CAMPBELL SCIENTIFIC (LOUGHBOROUGH, UNITED KINGDOM)

METEO CONSULT B.V. (WAGENINGEN, THE NETHERLANDS)

MODEM (CHEVANNES, FRANCE)

SAAB AEROTECH (ARBOGA, SWEDEN)

SELEX SYSTEMS INTEGRATIONS GMBH - GEMATRONIK (NEUSS, GERMANY)

VAISALA (HELSINKI, FINLAND)

VCS ENGINEERING (BOCHUM, GERMANY)

WEATHERBUG (GERMANTOWN, USA)

WETTER – UMWELT – KLIMA (UNTERHACHING, GERMANY)

RESEARCH AND EDUCATIONAL INSTITUTES

DEPARTMENT OF HYDROLOGY AND CLIMATOLOGY OF VILNIUS UNIVERSITY (LITHUANIA)