



EMS

*ANNUAL REPORT*

European Meteorological Society

2009

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

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## Message from the President

Dear colleagues and friends,

2009 saw the tenth anniversary of the EMS. The decade of collaboration and exchange of ideas between meteorological societies across Europe and the larger community has led to many new initiatives beyond the national level. In addition, it has taught us that the challenges are immense and that the potential of the EMS to be useful to individuals is not yet fully exploited.



When we look back on the development of the EMS, the biggest achievement is clearly the establishment of the series of EMS Annual Meetings. In close collaboration with the ECAC (European Conference on Applied Climatology) and ECAM (European Conference on Applications of Meteorology) these Annual Meetings have developed into an important fixed event in the calendar of the European meteorological community. As well as covering a wide range of topics they draw participants from all parts of the community, from university researchers to private service providers.

It was appropriate that the conference in this landmark year was held in Toulouse, France, the native country of one of the central figures in the creation process of the EMS: René Morin. Together with the other three "founding fathers", Jon Wieringa, Werner Wehry and Stan Cronford, he instigated a very remarkable process that put the national meteorological societies on the European map and created a voice for all of them. This Annual Meeting was an excellent example of the key role the EMS Member Societies and Associate Members play in ensuring the success of such events. The French Meteorological Society, SMF, and Météo-France invited the EMS to hold the EMS and ECAM 2009 in Toulouse, and Météo-France provided the premises and facilities and many working hours and commitment of their staff – and wonderful weather! The 450 participants enjoyed a very interesting meeting and the generous hospitality of their hosts.

At the initiative of the the Spanish Meteorological Society, the EMS established the European photo competition *Europhotometeo*. With 429 submissions by people interested in weather, mainly from Europe but also beyond, this resulted in many very exciting photos of specific weather phenomena. You will find some of the photos printed in this report. Again this is an example of how the EMS works in partnership with its Member Societies: the AME instigated this competition and carried the main bulk of work under the banner of the EMS.

In January 2010, during the Annual Meeting of the American Meteorological Society, the International Forum of Meteorological Societies (IFMS) was established. The objective of IFMS is to act as an informal platform for exchange of information, experience and best practice between the meteorological societies and other organisations related to meteorology. This objective mirrors the objectives of EMS and our experience of the past decade is very valuable for the fostering of the cooperation between meteorological societies around the globe within IFMS. It is interesting that about 60 meteorological societies exist; more than half of these are in Europe, and are Members of the EMS.

I am proud to present the EMS Annual Report 2009 to its Members and the public. I think that in 2009 the EMS has taken important steps in fulfilling its mission in these changing and challenging times.

Finally 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 to the further development of EMS by their involvement in the General Assembly, the Council, the Committees and the Project Teams, and to Martina Junge, the Executive Secretary of EMS, for her tremendous work input for the sake of EMS.

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.

## Implementation of the new strategy – new projects and actions

Following the adoption of the Strategy Implementation Plan by the EMS Council in autumn 2008, a Policy Advisory and Development Group (PADG) has been established. It was tasked with identifying priority activities for the near future, and proposing – in collaboration with project teams – appropriate actions to ensure the EMS becomes more focused and useful to individuals in Member organisations.

In spring 2009, an online questionnaire was developed and all member organisations – Member Societies and Associate Members – were asked to provide feedback and opinions on current issues and the needs of the membership.

It appears that the most important challenge is for Members to be better informed about activities of meteorologists in other European countries and on a European level. Consequently the PADG has reviewed the communication and publication strategy of the EMS.

### *The first steps of the project on communication*

A number of actions were agreed.

- Develop and maintain the web site as central tool for communication amongst EMS Members and between EMS and individual members of the Member organisations; consequently increasing the attractiveness of the web site is a priority.
- Develop a network of national contact points to get information and input for the website and the ems-message.
- Establish enhanced involvement of Annual Meeting convenors through them preparing short summaries of highlights and outcomes from their sessions to create new material of interest to the meteorological community.
- Provide the option for individuals to subscribe to the ems-message, and ask the Member organisations to promote this possibility among their membership.
- Give better visibility of Associate Members and provide opportunities to advertise vacancies.

### A short summary of the feedback

43 responses were received, 14 of these from Associate Members. A first evaluation shows the following.

**Communication of information about EMS activities:** EMS Members feel well informed about EMS activities, but it is not clear whether individual members are interested in EMS activities. The EMS website and online newsletter provide useful information, but these are hardly used to keep individual members informed about EMS activities.

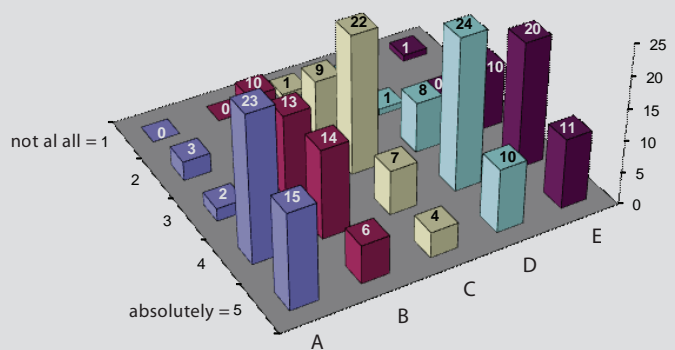
**Communication of information between Members:** There is a strong deficit in information available about other EMS Members. At the same time there is a strong request for more information about Members' activities. High interest was expressed in information on best practices in publication.

**Conferences:** About 60% of Members organize meetings and conferences and about 35% would appreciate support in organising these events or developing a European dimension.

**Associate Members:** 75% feel a stronger involvement of Associate Members in the EMS activities would be of benefit. Also 75% are against a change in the institutional distinction between Member Societies and Associate Members, among these most of the Associate Members.

**Benefit from EMS Membership:** A majority feels that they benefit from EMS Membership.

**Collective opinion:** More than 50% have more or less strong views that the EMS should try to develop a collective opinion on matters concerning meteorology and climatology.



- A: Are you receiving sufficient information about EMS activities?  
 B: Are members of your organisation kept informed about EMS activities?  
 C: Are members of your organisation interested in EMS activities?  
 D: Is the website providing you with the information you require?  
 E: Is the „ems-message“ providing you with useful information?

### ***The first steps of the project on education***

For the Education Project, the first priority is to create an Education Portal on the web site that replaces the list of links currently available; this would give more guidance about and overview of existing resources. It is clear that a plethora of education material is available, and the efforts of the project team must concentrate on raising awareness for where the material can be found and give some guidance as to its usefulness.

The second priority is to fill the ECTOM database, a European catalogue of training opportunities in Europe: [meop0.troja.mff.cuni.cz/ectom](http://meop0.troja.mff.cuni.cz/ectom). The infrastructure has been developed. The Bologna declaration aims to achieve compatibility between the systems and levels in individual countries. For students considering a transfer between countries, the database may provide useful information about educational opportunities in a centralised and consistent form, but validated on national levels.

### ***The first steps of the project on professional practices***

The Project Team concentrated on two issues.

- Preparation of a wide-ranging survey of operational and ongoing training, that will be made available to the public; the ECTOM approach will be taken for this project.
- Development of a code of best practices, which may then be adopted by national societies and institutions or adapted to take account of their circumstances.

### ***The Media project***

The Media Team, in collaboration with the Environmental Agency of Slovenia, prepared a workshop intended for climatologists who are occasionally interacting with the media. The aim was to provide intensive training on the basics of science communication to enable participants to improve their performance in the media. A number of excellent and experienced communication experts and journalists were ready to act as instructors. Regrettably the Media Workshop scheduled for early January 2010 had such a small number of registrations that it had to be cancelled. A new workshop is being prepared.

The Media Session at the EMS Annual Meetings has over the years developed into a forum for European and International Media people to consider best practices in TV weather presentation. It has attracted a wide range of contributions including presentations from the most prominent networks of broadcast meteorologists such as IABM (International Association of Broadcast Meteorology) and CBN-E (Climate Broadcaster Network – Europe).

As part of the session at the 9th EMS Annual Meeting in Toulouse, the ceremonies for the presentation of the EMS Media Awards were held: the EMS Broadcast Meteorologist Award, the TV Weather Forecast Award, and the Outreach & Communication Award.

One thousand copies of a DVD with contributions from the media session in Amsterdam in 2008 were produced. These were distributed to the participants of the EMS 2009 Annual Meeting, and to several libraries and meteorological societies.

“... the EMS should move towards a more project-based approach (...).”

In this approach the EMS Council could agree its programme of project-based activities and members are invited to take part in the project groups.”

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## 9th EMS Annual Meeting

From the outset a key role of the EMS was to establish a forum for the development of collaboration and exchange of information between national meteorological societies on a European level. The Annual Meeting of the EMS, that was held together with the Ninth European Conference on Applications of Meteorology (ECAM) from 28 September to 2 October 2009 in Toulouse, was the ninth of its kind and provided a clear demonstration that this has been established as a meeting place for the European community.

The EMS and ECAM were organised in collaboration with the French Meteorological Society (SMF) and the French Weather Service (Météo-France), the latter hosting and kindly providing premises and facilities for the conference. The conference programme focused on High resolution meteorology – applications and services. The conference was steered by a Programme and Science Committee (PSC) under the leadership of the chair of the EMS Committee on Meetings, Horst Böttger.

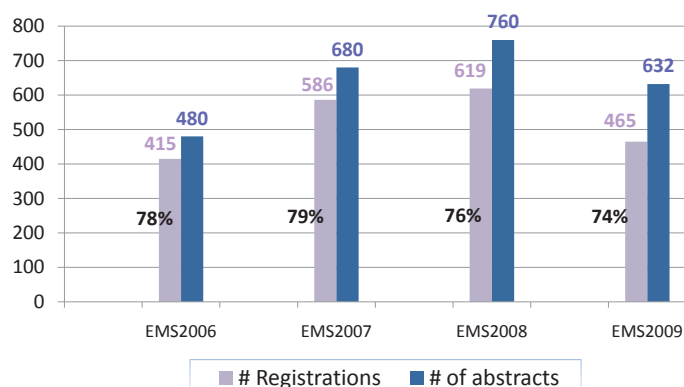
### Opening programme

The EMS President gave a presidential lecture at the occasion of the 10th anniversary of the foundation of the EMS: 'Ten Years of EMS' which provided an overview of EMS activities. The keynote lectures during the opening session highlighted different aspects of the conference theme:

- Michel Jarraud, Secretary-General WMO, 'High resolution services: The role of WMO'
- Adrian Simmons, ECMWF, 'Evolution of the GMES Atmospheric Services'
- Francois Jacq, Director General Météo-France, 'High resolution services – user perspectives'

The presentations of the opening programme are accessible at [www.emetsoc.org/annual\\_meetings/presentations\\_2009.php](http://www.emetsoc.org/annual_meetings/presentations_2009.php)

Participants and submitted abstracts of EMS Annual Meetings 2006 -2009 (EMS&ECAC 2006 and 2008, EMS&ECAM 2007 and 2009)



### Session programme

The overall session programme consisted of five broad themes with more than 25 sessions. The themes were:

- Applications of meteorology (ECAM)
- Atmosphere and the water cycle
- Communication and education
- Climatology: New services responding to climate change
- Numerical weather prediction

Reflecting the theme of the meeting, the organisers of the ECAM programme put considerable effort into attracting the user community and enabling a dialogue between the science and data-provider communities and stakeholders.

About 450 participants came to Toulouse. The conference programme encompassed about 400 oral presentations and the display of 200 posters.

### Round table discussion on high-resolution services

A round table discussion on the vision for high-resolution meteorological applications and services was moderated by Ewen McCallum, Chief Meteorologist at the UK Met Office. The session attracted an audience of about 150 people. In his introductory statements Ewen McCallum emphasized the considerable progress in synoptic meteorology that had been achieved during the last three decades, drawing a parallel between the state of high-resolution meteorology today and synoptic meteorology in 1970s. The challenge today lies in the provision of high-resolution services that are indeed of use to end users, he continued.





Different aspects were highlighted in introductory remarks by the panelists:

- Olivier Moch, permanent secretary of the High Council for Meteorology: Expectations of user communities
- Laurent Dubus, EDF: Energy sector perspective
- Brian Golding, Met Office: High resolution NWP and the use of high resolution data
- Robert Mureau, Meteo Consult: The forecaster perspective
- David Richardson, ECMWF: The potential of probability forecasting
- Jean Marie Carriere, Météo-France: Nowcast and forecast delivery using new technology

Questions discussed included:

- Are high-resolution applications addressing the needs of the users or the researchers?
- Does high-resolution imply more accuracy?
- How can enhanced communication and dialogue between users and providers be established before products are developed?
- How can the limitations of high-resolution forecasts be communicated to the users?

#### Poster Awards

For the first time an Outstanding Poster Award was presented during the conference. The select committee consisted of Sylvain Joffre (chair; FMI, Finland), Jean-Pierre Chalon (Météo-France), Anna Rutgersson Owenius (University of Uppsala, Sweden), Hans Richner (SGM, Switzerland). Two posters were selected:

- **Maud Martet** et al., Météo-France, on 'MOCAGE-accident: From research to operational applications'.

*Citation: The contribution presents a comprehensive modelling study integrating various applications with a dedicated user-friendly interface for operational use. The poster is fit-to-purpose, and concentrates on the core message.*

- **Helen Dacre** et al., University of Reading: 'The spatial distribution and evolution characteristics of North Atlantic cyclones'.

*Citation: The contribution presents the use of innovative methodologies for classifying cyclone features and underpinning dynamics. The poster is well balanced, with clear statements and well summarized conclusions.*

Ceremonies for the presentation of the EMS Media Awards were held: the EMS Broadcast Meteorologist Award, the TV Weather Forecast Award, and the Outreach & Communication Award.

" 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 ..."

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### **Meeting place: networking, side meetings, exhibition**

The Météo-France conference centre was complemented by two large tents that provided space for the exhibition booths, the poster area and catering facilities. Opportunities for exhibitors were taken up by 13 companies, among them manufacturers and publishers. HMEI, the association of the hydro-meteorological equipment industry, provided information on its activities and members; in addition some of its members took part in the exhibition and contributed to the conference programme. As part of the exhibition a booth organised by the Société Météorologique de France (SMF) displayed material about the activities of various EMS Member Societies.

Many groups used the opportunity to hold working group sessions, management meetings and informal discussions alongside the conference for which rooms were provided within the conference venue. A workshop on solar radiation measurements was organised by Kipp & Zonen.

### **Publications**

As in the 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. Seven sessions took up this opportunity. The published papers have become available at:

[www.adv-sci-res.net/topical\\_library.html](http://www.adv-sci-res.net/topical_library.html).

Conference papers of the 8th EMS Annual Meeting and 7th ECAC 2008, the 7th EMS Annual Meeting and 8th ECAM 2007, and the 6th EMS Annual Meeting and 6th ECAC 2006 are accessible at:

[www.adv-sci-res.net/volumes.html](http://www.adv-sci-res.net/volumes.html).

The conference programme and abstracts continue to be accessible through the conference web site at: [meetings.copernicus.org/ems2009](http://meetings.copernicus.org/ems2009).

Conference presentations 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\\_2009.php](http://www.emetsoc.org/annual_meetings/presentations_2009.php)

A survey that gauged opinions on the usefulness of this service among conference participants (April 2010) resulted in a very positive feedback.

### **EMS & ECAM 2009 PROGRAMME AND SCIENCE COMMITTEE**

Horst Böttger (chair, EMS)  
 Pierre Bäuer (SMF, France)  
 Rasmus Benestad (NMF, Norway)  
 Tanja Cegnar (EARS, Slovenia)  
 Jean-Pierre Chalon (Météo-France)  
 Dominique Lapeyre de Chavardès (Météo-France)  
 Ben Dieterink (HMEI)  
 Sylvain Joffre (FMI, Finland)  
 Martina Junge (EMS)  
 Haleh Kootval (WMO)  
 Ewen McCallum (Met Office, United Kingdom)  
 Robert Mureau (The Netherlands)  
 Evangelina Oriol-Pibernat (ESA)  
 Manuel Palomares (AEMet, Spain)  
 Claude Pastre (SMF, France)  
 Hans Richner (SGM, Switzerland)  
 Pirkko Saarikivi (PRIMET)  
 Gerhard Steinhorst (DWD, Germany)  
 Heleen ter Pelkwijk (NVBM, The Netherlands)  
 Aryan van Engelen (ECSN)  
 Walter Zwiefelhofer (ECMWF)





## Publications

The programme of publications and information provision by the EMS has been continually developed and extended in recent years. The original printed Newsletter has seen 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 have been developed for quick distribution and access using the Internet.

Starting with the EMS Annual Meeting 2006, conference contributions are published as short manuscripts in the open access journal 'Advances in Science and Research'; in addition lectures given at the conference are made available online. An online newsletter has been developed, the *ems-message*, with the first issue published in 2008. Also from the start of the EMS conference series contributions to the Media Session have been published on CD/DVD each year. The concept of information provision is constantly reviewed to adjust to new challenges and developments.

### ***Publication of contributions to the EMS Annual Meeting and ECAM 2009***

As in recent years, a number of convenors of session held at the EMS Annual Meeting and European Conference on Applications of Meteorology acted as guest editors of 'Advances in Science and Research', and 20 manuscripts were published in early 2010. This is the fourth volume of EMS Annual Meeting proceedings and all are available at [www.adv-sci-res.net/volumes.html](http://www.adv-sci-res.net/volumes.html).

In addition, for the first time, authors were offered the option to have their lecture given during the conference published on the [emetsoc.org](http://emetsoc.org) Internet site, dedicated to publications at [www.emetsoc.org/annual\\_meetings/presentations\\_2009.php](http://www.emetsoc.org/annual_meetings/presentations_2009.php).

Along with the presentations, reports of session convenors summarizing the session and highlighting important aspects were provided on the same site.

A survey on the usefulness of the provision of this material was conducted online among conference participants, and the prevailing impression is that participants appreciate the access to conference material at a later stage, and so the service should be continued for future conferences. Of 465 participants, 128 contributed to the survey.

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

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### *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 among 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](http://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 ECAC 2010 but can be directly requested from the EMS.



ISBN:978-961 -6324-46-(1-5)

### *Brochure on EMS online*

Following the interest of EMS Members to facilitate information provision to their membership and staff about EMS activities, the Policy Advisory and Development Group developed a brochure about the EMS and published this downloadable presentation at [www.emetsoc.org/about\\_ems/documents/EMS.pdf](http://www.emetsoc.org/about_ems/documents/EMS.pdf).

## Awards and Prizes

The Awards Programme of the EMS is attracting more interest each year. Most awards are given as travel support for young scientists in the early stage of their career for their participation at international conferences that provide opportunities for exchange. 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 Lennart Bengtsson, the former director of the European Centre for Medium-Range Weather Forecasts, and of the Max-Planck-Institute for Meteorology, for his outstanding leadership in the development of numerical weather prediction and climate research. The Award Ceremony was held on 30 September 2009 during the EMS Annual Meeting & ECAM in Toulouse, France. The prize was handed over by the EMS President, Fritz Neuwirth. Lennart Bengtsson's Silver Medal Lecture was entitled: *Why is the climate warming so irregular?*

### *Young Scientist Award*

The Young Scientist Award was presented to Raquel Nieto, University of Vigo, Spain, for her publication 'Identification and Climatology of Cut-off Lows near the Tropopause, Trends and Directions in Climate Research': *Ann. N.Y. Acad. Sci.* 1146: 256–290 (2008). doi: 10.1196/annals.1446.016 C 2008 New York Academy of Sciences.

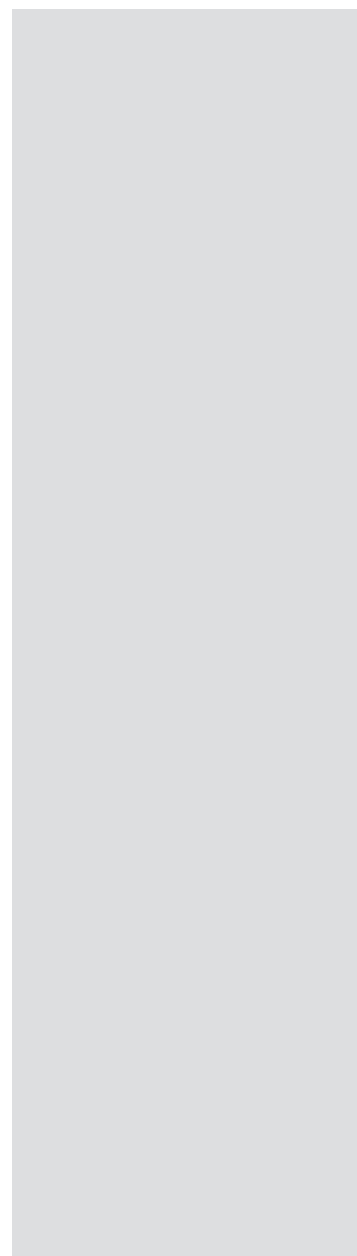
The presentation of the EMS Media Awards took place during the Media Session at the EMS Annual Meeting: the Broadcast Meteorologist Award was presented to Károly Vissy. The Hungarian Broadcast Meteorologist was honoured for his exceptionally long and expert career as an on-screen Broadcast Meteorologist as well as for his contributions to providing public service weather information to the Hungarian citizens.

### *Media Awards*

The TV Weather Forecast Award went to Danny Roup, an outstandingly talented broadcaster who has been driving the development of weather broadcasting in Israel for many years.

For the Outreach and Communication Awards two projects in different categories were selected: *Meteo Weekend*, a weekly TV broadcast in Friuli Venezia Giulia (Italy) combines the classic weather forecast with science content through discussions on atmospheric phenomena related to the forecast.

The Dutch Platform Communication on Climate Change was set up to improve the quality and efficiency of the communication of the climate research community. It provides up-to-date information on climate change for an audience that encompasses policy makers, media and the general public. Different formats are employed for different target groups.



Silver Medalist  
Lennart Bengtsson (left)



Young Scientist Awardee  
Raquel Nieto (left)

The European Meteorological Society made the following Awards in 2009:

***The EMS Silver Medal***

Lennart Bengtsson, Sweden.

***The EMS Young Scientist Award***

Raquel Nieto, University of Vigo, Spain.

***The EMS Broadcast Meteorologist Award***

Károly Vissy, Hungary.

***The EMS Best TV Weather Forecast Award***

Danny Roup, Israel.

***The EMS Outreach and Communication Award***

Klimaatportaal: platform for communication on climate change, The Netherlands

Meteowekend Broadcast, Italy

***Young Scientist Travel Awards***

EMS provided 14 Young Scientist Travel Awards. These have supported young scientists from ten countries: Austria (2), Czech Republic (1), Croatia (1), Estonia (1), Finland (1), Germany (3), Hungary (2), Kenya (1), Spain (1), UK (1). All award recipients have provided reports on their conference attendance, available at [www.emetsoc.org/awards/award\\_descriptions.php](http://www.emetsoc.org/awards/award_descriptions.php).

9th EMS Annual Meeting and 9th ECAM 28 September – 2 October 2009 Toulouse, France	<b>Paul Williams</b> University of Reading, UK.
	<b>Irene Schicker</b> University of Natural Resources & Applied Life Sciences, Austria.
	<b>Alireza Shahabfar</b> University of Natural Resources & Applied Life Sciences, Austria.
	<b>Richard Foreman</b> Karlsruhe Institute of Technology, Germany.
	<b>Peter Szabo</b> Hungarian Meteorological Service, Hungary.
Air Quality conference 24–27 March 2009, Istanbul, Turkey	<b>Hans Orru</b> Department of Public Health, University of Tartu, Estonia.
13th Alpine Meteorology ICAM-2009 11-15 May 2009, Rastatt, Germany	<b>Zeljko Vecenaj</b> University of Zagreb, Croatia.
	<b>Dèlia Arnold Arias</b> Universitat Politècnica de Catalunya, Spain.
8th EWOC, 2009 <i>Award transferred for participation in the EMS/ECAM</i>	<b>Tomáš Milér</b> Masaryk University, Faculty of Education, Czech Republic.
ECMWF Annual Seminar, 7–11 September 2009, Reading, UK	<b>Kersti Salonen</b> FMI Helsinki, Finland.
World Climate Conference-3 28 August – 4 September 2009 Geneva, Switzerland	<b>Joanes Atela</b> Agricultural Sciences and Resource Management in the Tropics and Subtropics (ARTS), Bonn University, Germany (Kenya).
5th ECSS 12 – 16 October 2009 Landshut, Germany	<b>Zoltán Polyánszky</b> Hungarian Meteorological Service.
	<b>Ulrike Wißmeier</b> University of Munich LMU, Germany.
Joint Meeting of the RMetS and the EMS, linked with AMMA 21 October 2009, London, UK	<b>Rabea Haas</b> University of Cologne, Germany.

The European Meteorological Society had called for submissions of photos related to meteorology taken in 2009. 429 photos were admitted to the competition. These are accessible for browsing at [europhtometeo-ems.blogspot.com](http://europhtometeo-ems.blogspot.com).

► **EPM'09 Winning Photo**

*Dawning Mist by Anthony Byrne, Ireland*



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

From 26 February to 25 March 2010 the Jury, consisting of the 9 representatives on the EMS Council, and the presidents of all EMS Member Societies, cast their vote on the photos.

► **EPM'09 3rd-ranked Photo:**

*Prahova Double Rainbow by Ioan Rizea, Romania*



The EMS thanks 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.

More information and the top ten photos are available at [www.emetsoc.org/newsarchive/news\\_20100331.php](http://www.emetsoc.org/newsarchive/news_20100331.php)  
Detailed information on all 429 photos of the competition are provided at [www.europhtometeo-ems.blogspot.com](http://www.europhtometeo-ems.blogspot.com).

► **EPM'09 2nd-ranked Photo**

*Supercell II by Antonio Carramiñana Calzada, Spain*



► **EPM'09 3rd-ranked Photo:**

*The End by Tony Le Bastard, France*



► **EPM'09 5th--ranked Photo:**

*Alto cumulus Lenticularis at Sunrise by Daniel Goetz, France*



## Finance 2009

The financial situation of the EMS is healthy. The balance as at 31 December 2009 has increased by 7,936.80€ as compared to 31 December 2008.

### Summary Statement of Financial Activities for the Year 2009:

All financial figures are given in Euro.

	2009	2008
<b>INCOME</b>		
Income Societies Membership Fees	33 273.95 <sup>a</sup>	13 739.92
Income Associate Membership Fees	39 390.69 <sup>a</sup>	36 794.50
Annual Meetings	20 763.06	48 205.29 <sup>b</sup>
<b>TOTAL INCOME</b>	<b>93 427.70</b>	<b>98 739.71</b>
<b>EXPENDITURE</b>		
Salary Secretary (incl. expenses for employer)	55 879.46	55 757.57
Banking charges	77.40	39.45
Travelling	7 444.69	8 316.42
Office costs	2 141.90	4 993.84
Honoraries, Fees, Insurances	2 812.04	2 019.90
Awards	12 169.36	14 565.97
Publications	3 792.72	4 720.56
Committees (2008) / PADG and Project Teams (2009)	1 145.95	2 112.66
Other costs	27.38	47.40
<b>TOTAL EXPENDITURE</b>	<b>85 490.90</b>	<b>92 573.77</b>
<b>INCOME – EXPENDITURE</b>	<b>7 936.80</b>	<b>6 165.94</b>
<b>ACCOUNT BALANCE 31 DECEMBER</b>	<b>74 073.22</b>	<b>66 136.42</b>

*a. Membership Fee (2009 and arrears 2008):*

*Membership Fees Member Societies 2008: 10 040.54€*

*Membership Fees Associates 2008: 1 000.00€*

*Membership Fees Member Societies 2009: 23 233.41€*

*Membership Fees Associates 2009: 38 390.69€*

*b. Annual Meeting 2007: 45 328.80€*

*Annual Meeting 2008: 2 876.49€*

### Use of funds

The funds available will be used to fund the priority activities identified in the Strategy Implementation Plan and by the Policy Advisory and Development Group.

### Audit

The financial accounts have been audited on 14 July 2010 by the auditor appointed by the EMS General Assembly 2009. His report will be submitted to the EMS General Assembly 2010 (Zürich, 12 September 2010).

Auditor:  
Clemens Kucklick  
Kantstraße 151  
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 Martina Junge  
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**EUROPEAN METEOROLOGICAL SOCIETY**

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