



EMS ANNUAL REPORT 2013



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The EMS Annual Report is published by the European Meteorological Society (EMS) e.V.

Photos on the cover and page 13 were entries to the Europhotometeo competition EMP'14, photos on pages 2, 5, 6, 8 and 11 were taken at the EMS & ECAM by J. Bradley.

Message from the President



Dear friends and colleagues,

The Annual Meeting of the European Meteorological Society continues to be the main event and to provide the principal means for the Society to achieve its objectives, in particular bringing together the European meteorological community. This was particularly true in 2013 as the meeting in Reading turned out to be a very successful one with almost 700 participants. This outcome undoubtedly owes much to the preparation by the Committee on Meetings, to the very professional service provided by Copernicus Meetings for the organisation of our conference and to the outstanding support given by our local hosts: the Royal Meteorological Society, the Met Office and Reading University.

In addition, the fact that it was possible to organise several parallel events contributed significantly to the result. A pre-conference workshop for forecasters on verification of ensemble forecasts, a communication workshop for European weather services co-organised by the EMS, Eumetsat, the UK MetOffice and WMO, events of the Royal Meteorological Society (Student Conference and Amateur Meteorologists' Conference), the award ceremony for the Harry Otten Prize by the Harry Otten Foundation, and the International Forum of Meteorological Societies, co-organised by EMS and the RMetS, took place during and around the conference week. In addition the final conference of the FP7-project ERA-CLIM was organised as part of the session programme. Such events contribute to the attractiveness of the Annual Meeting and provide additional incentives for attendance.

It is important to keep in mind that this success is only possible thanks to the hard work of the EMS Secretariat and the various EMS committees whose main achievements come to fruition during the conference: this is obvious for the already mentioned Committee on Meetings but is also true for most other committees, in particular the Awards Committee and the Media Team. Contributions from the members of our Member Societies and Associate Members are crucial for this outcome.

I would like to thank everyone that has contributed to EMS activities for their commitment and willingness to do voluntary work.

Dominique Marbouty, 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.

...

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.

Membership

Delivering benefits to our Member organisations and their membership and staff

By the end of 2013 the EMS had 36 Member Societies. In addition, there are 32 Associate Members that are loosely organised in five categories: National Meteorological and Hydrological Services, Private Service Providers, Manufacturers, Education and Research Institutions and International Organisations. Each group is invited to delegate one observer to Council Sessions to represent their specific views on any issue discussed and advise the Council. Three international organisations (ECMWF, ESA and EUMETSAT) have permanent observer status at the Council. In 2013, two organisations applied for EMS Associate Membership.

New Associate Members in 2013

- The **ACADEMIC ASSOCIATION OF RUSSIAN UNIVERSITIES IN HYDROMETEOROLOGY (AAH)**, which comprises twelve Universities and Academies plus five Associate Members mostly in neighbouring states, was accepted as an EMS Associate Member at the 28th Council Session in March; Membership benefits will only apply to full AAH Members.



The Academic Association in Hydrometeorology AAH was created as an Association of Russian Universities in 1992 and authorised by the Russian Ministry of Education and Science to set state standards in the relevant area of education and training in form of minimum curricular requirements, faculty size, and facilities.

- The **INSTITUT FÜR WETTER- UND KLIMAKOMMUNIKATION GMBH (IWK)**, a private service provider based in Hamburg, Germany, was accepted as an Associate Member at the 29th Council Session in September 2013.



The Institute of Weather and Climate Communication (IWK) is a private weather news agency, founded in 1999. The agency operates the Internet platforms unwetterwarnungen.de and wetterspiegel.de. IWK is also the publisher of the iOS-app METEOplus and provides weather forecasts for daily newspapers, websites, TV- and radio stations. The IWK has its own Full HD TV studio with a direct connection for live broadcasts.

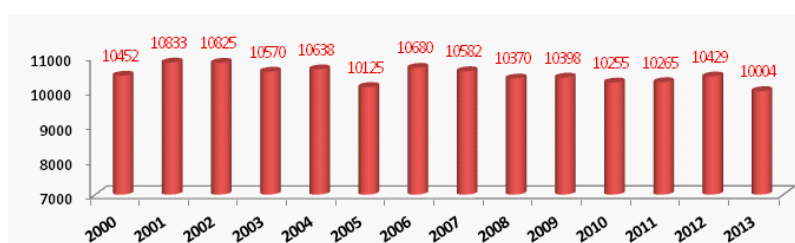
2013 Other Activities

- PROMOTING THE VALUE AND BENEFITS OF MEMBERSHIP:** The EMS website has been updated to include a better overview on the benefits for EMS Members and their individual members or staff.
- ENGAGING RESEARCH DEPARTMENTS:** Benefits of Associate Membership for university departments and research institutes may be substantial through the reduced registration fees at Annual Meetings. Thus the Council recommended that such departments and institutes should be approached.
- DORMANT MEMBERSHIP:** Council agreed in principle that non-payment of Membership Fees by 1 September the following year (or the General Assembly, whichever is earlier) will result in the EMS Membership being considered "dormant". Dormant members will not be listed on the website as Member Societies or Associate Members, and they cannot benefit from reduced registration fees at Annual Meetings and the use of photos from the Europhotometeo competition. However, should payments start again, the membership can be reinstated without going through a new application process.

Membership 2013 in numbers

MEMBER SOCIETIES	36	
<i>Number of states</i>		30
<i>Number of individuals represented</i>		10004
ASSOCIATE MEMBERS	32	
<i>National Meteorological and Hydrological Services</i>		15
<i>Private Service Providers</i>		6
<i>Manufacturers</i>		6
<i>Education and Research Institutions</i>		2
<i>International Organisations</i>		3

Number of individuals represented in EMS - sum total over all Member Societies 2000–2013



13th EMS Annual Meeting

Once again the EMS conference was a very successful event. The joint EMS Annual Meeting & European Conference on Applications of Meteorology (ECAM), hosted at the Campus of the University of Reading in the UK, was attended by almost 700 participants and incorporated many side events and workshops.

Highlighting the importance of collaboration through the conference theme *High Impact Weather: Working in partnership to reduce risk*, the meeting included interesting strategic lectures and a plenary discussion under the headline: *Hazards, Risks, Advice - How far should we go?*

The conference was organised by Copernicus GmbH and received strong support from the local hosts – the Royal Meteorological Society, the UK Met Office and the University of Reading – as well as from many other organisations.

The 2013 Conference in short

- **SESSION PROGRAMME:** The conference programme consisted of 35 sessions in five programme groups. In addition the ERA-CLIM Final Conference was organised within the programme with four sessions and the Hans-Ertel-Centre for Weather Research (HERZ) organised a poster session to show the work of all HERZ-projects.
- **PLENARY DISCUSSION:** Under moderation by Will Lang from the UK Met Office, a round table discussion explored some of the issues meteorological service providers face in taking a more proactive stance in warning-related processes, be they practical, ethical or even legal. The benefits and risks of this approach were discussed. How to communicate with, and manage the expectations of, the users of the services were central questions on which views were exchanged between the panellists and with the audience. See the *stream of the discussion on YouTube*.
- **PRESENTATIONS:** 250 posters were displayed and 500 oral presentations given during the week. The feedback from participants indicated that overall the presentations were of high quality.
- **EXHIBITION:** The exhibition, consisting of six stands in the central foyer, enjoyed plenty of attention during coffee breaks. The British Atmospheric Data Centre, Campbell Scientific, Environmental Measurements Limited, Kipp & Zonen B.V. and Scintec AG were ready to provide information about their products and plans; some of the manufacturers gave presentations in the session *Atmospheric measurements*. In addition, the UK Met Office held a weather briefing each afternoon.
- **SIDE MEETINGS AND WORKSHOPS:** A training workshop on verification of ensemble forecasts, particularly aimed at forecasters, was organised by the EMS in collaboration with the Joint WWRP/WGNE Working Group on Verification Research, with support from WMO. It was intended to help participants with improving their understanding of common techniques used to verify probability and ensemble forecasts, and increasing their ability to interpret the results of ensemble forecast guidance verification. The 11 participants, 6 from National Meteorological Services and 5 from universities, were mainly satisfied with the contents and the format, albeit also making valuable suggestions for improvements.
- **OUTSTANDING POSTER AWARD:** Jennifer Owen from Leeds University won the award for the poster *Severe European cyclones: a storm-prone situation perspective* produced by J.S.R. Owen, P Knippertz and T.M. Trzeciak. The award includes a registration fee waiver for the EMS & ECAC 2014.



- **DISCUSSION ON CAREER DEVELOPMENT:** A panel of experts in the field of career development and human resources was invited to discuss the best strategies to overcome traditional structures of careers in science and existing obstacles – both institutional and personal – when trying to develop novel concepts for individual career paths. Ulrike Bromig, Equal Opportunity Officer at the German Weather Service, and from the University of Reading Janet Barlow, Director of the Centre for Technologies for Sustainable Built Environments, Averil Macdonald, Professor of Science Communication, and Alan Twyford, Human Resources Partner, highlighted recent developments and engaged in a fruitful discussion with the audience. The session received high interest among participants.

Publications and photo gallery

Webstreams of the opening session, the awards ceremony and the ECAM Plenary discussion are accessible on the EMS YouTube channel. Photos of some of the scientific and social events of the conference together with some impressions from the conference atmosphere are published on the main conference site <http://www.ems2013.net>. All contributors had the option of uploading the slides of their oral presentations and posters to the meeting programme site. These are available alongside the schedule and abstracts for many contributions.

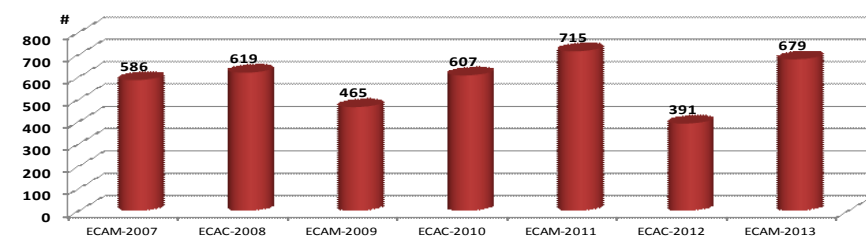
2014, 2015, 2016 Events

The EMS Annual Meeting in 2014, together with the European Conference on Applied Climatology (ECAC) of the EUMETNET Climate Programme, will be held in Prague from 6 to 10 October 2014. Travelling further around Europe, the 2015 Meeting will take place in Bulgaria's capital, Sofia, from 7 to 11 September 2015, and the 2016 Meeting will be in a converted marine station in Trieste, Italy, from 11 to 16 September 2016.

- **PARTICIPANTS:** 679 from 45 countries attended the meetings. One third were female.

UK	211	Belgium	5
Germany	106	Canada	4
Czech Rep.	32	Ireland	4
Italy	27	Romania	4
France	26	Brazil	3
Netherlands	20	Cyprus	3
Austria	19	Australia	2
Switzerland	19	Hong Kong	2
Spain	19	Israel	2
Finland	18	Lithuania	2
Norway	18	New Zealand	2
Russian Fed.	14	Slovakia	2
Denmark	13	Slovenia	2
Poland	13	Turkey	2
United States	13	Bulgaria	1
Hungary	12	Estonia	1
Portugal	10	Latvia	1
Croatia	8	Moldova, Rep.	1
Japan	8	Réunion	1
Korea, Rep.	8	Taiwan	1
China	6	Thailand	1
Greece	6	Ukraine	1
Sweden	6	Total:	679

*EMS Annual Meetings -
Number of participants 2007–2013*



ECAM Plenary discussion: panelists



Entry Area of Palmer Building



Opening session: welcome address exhibitors: Ben Dieterink

International Collaboration

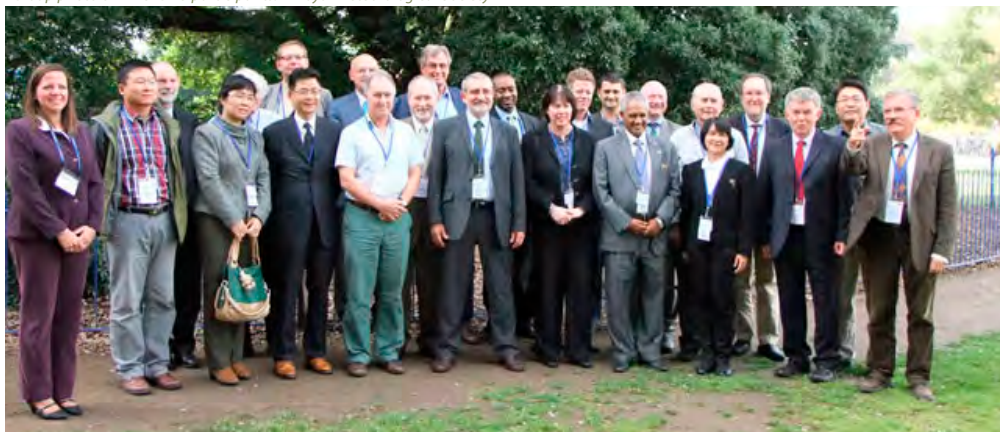
The EMS as an international organisation strives to maximise the effectiveness of its activities by providing links and exchanging information with other organisations in the meteorological, climatological and related areas. The two main collaborative activities in 2013 were the third Global Meeting of the International Forum of Meteorological Societies (IFMS), organised together with the Royal Meteorological Society (RMetS), and the presentation of finalists for the Harry-Otten-Award for Innovation in Meteorology, held at the EMS Annual Meeting.

IFMS – 2013 Global Meeting Three

The third Global Meeting (GM3) of the IFMS was hosted by the RMetS and the EMS on 12 and 13 September 2013 in Reading, and strongly supported by WMO. 26 participants representing 17 meteorological societies plus various national and international organisations attended this meeting.

- **THE AGENDA** included five invited presentations along with a *tour de table* which provided all participants with an opportunity to outline the activities of their organisation.
- **CLIMATE SCIENCE COMMUNICATION AND CHALLENGES FOR A PROFESSIONAL SOCIETY** was introduced by Marshall Shepherd, the President of the American Meteorological Society (AMS). It was stressed that in communicating climate science it is important to remain anchored in science, to embrace social media, to find a middle ground, be an honest broker of information and to not lose sight of the signal because of the “noise”. The public gets much of its information about climate change from broadcasters so action is required to ensure they understand the scientific basis of climate change. Also it is important to engage with teachers to ensure they understand climate change as they have a key role in developing public perceptions about these issues in the longer term.
- **EDUCATION: SHARING EDUCATIONAL RESOURCES** was presented by Tomaš Halenka (President of the Czech Meteorological Society, Member of the EMS Council). Noting that only a few meteorological societies have the resources to provide well-developed education programmes, it became clear that nearly all have some involvement in education. Shared education material needs to be translated into the local language if it is to be fully utilised. The sharing of case studies would be of value.

Group photo of IFMS-GM3 participants. © Royal Meteorological Society



We are Member of the IFMS.



Agreement of Understanding between the ESSL and the EMS.



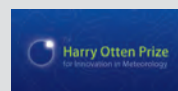
Agreement of Understanding between WMO and the EMS.



Agreement of Understanding between the AMS and the EMS.



Collaboration for the biennial ECAC.



The Harry Otten Prize is presented during the EMS Annual Meetings



The IABM Award is presented at EMS Annual Meetings.

- **EDUCATING AND TRAINING A SCIENTIFIC WORKFORCE** WAS presented by Jeff Wilson, World Meteorological Organization – WMO strongly supported this Global Meeting. A key component of the WMO Education and Training Programme are the activities of the Regional Training Centres. The concept of the *WMO Global Campus* moves the focus from institutions to courses and learning resources. Meteorological societies occasionally contribute to WMO activities but finding resources is often a problem. If the *WMO Global Campus* is implemented, meteorological societies might be able to contribute material.
- **PUBLICATIONS: THE IMPACT OF OPEN ACCESS ON PROFESSIONAL AND LEARNED SOCIETIES** WAS presented by Chris Holcroft, Chief Executive of the RMetS. Open Access as the new publishing model and its impacts on learned societies was discussed, including concerns that available public funding for researchers seeking to publish academic work may become limited. It is expected that there will be a “mixed economy” consisting of *green* and *gold* Open Access along with subscription-funded journals. For meteorological societies involved in publishing, there is a need to manage the change to the mixed economy and deal with potential decreases in income.
- **INTERNATIONAL RECOGNITION OF PROFESSIONAL QUALIFICATIONS** WAS presented by Christophe Billard, former chair of the EMS Team on Professional Practices. Issues around codes of practice, such as whether any kind of code of practice could be enforced by meteorological societies, the problem of resources or expertise to be involved in the accreditation of institutions or certification of individuals, and legal responsibility have been discussed.

The fourth Global Meeting of the IFMS will take place in Argentina in November 2015.

Harry-Otten-Prize

The **HARRY OTTEN PRIZE FOR INNOVATION IN METEOROLOGY** recognises innovative ideas about how meteorology can make society safer, deliver cost savings and bring more welfare to large groups of people.

The final competition, selection of the winner and presentation of the prize form part of the EMS Annual Meeting & ECAM events with a biennial cycle.

- **FINALISTS.** Three finalists presented their ideas in a special session at the EMS & ECAM in Reading on 10 September 2013.
- **AWARDS CEREMONY.** The winner, Karolina Stanisławska, was awarded €25,000 for her idea *Social media for meteorological prediction and information*.
- Link to YouTube video of the award presentation.



Outreach and Media

The Media Team investigates the way presentations have an impact on the public, serves as a forum for exchange of experience between meteorologists working in the media in different countries and co-operates with weather presenters that are members of the AMS, IABM, WMO expert team and IWF.

2013 Highlights

EMS & ECAM SESSION ON COMMUNICATION OF UNCERTAINTY

- **THE CONVENERS** Tanja Cegnar (SEA Slovenia, EMS Media Team), Alberto Arribas, Anca Brookshaw (both UK Met Office) and Haleh Kootval (WMO) initiated this new session. Its aim was to facilitate the sharing of experience on how to communicate the inherent uncertainty of the seasonal forecasts and climate projections in an understandable way. The session was a success due to both interesting presentations and a crowded room with a very participative audience.
- **THE MAIN OUTCOMES** – *that could be seen as a first attempt to create a summary of Best Practices* – can be summarised as follows:
 - Know your user – there is not a one-fits-all solution.
 - First find out what decision the user needs to take, then present your probabilistic information in the best way to address that decision.
 - Be aware of the "language barrier", the same word may mean different things to different people.

2ND EUROPEAN COMMUNICATIONS WORKSHOP FOR EUROPEAN WEATHER SERVICES AND EMS MEDIA SESSION

- The workshop, held from 9 to 11 September 2013 alongside the EMS & ECAM in Reading, co-organised by WMO, EMS, UK Met Office and EUMETSAT, was attended by over 30 participants from 17 NMHSs as well as from other organisations.
- The workshop addressed communication strategy and planning, the IPCC's Fifth Assessment Report, social media, climate services, working with weather presenters, and how communicators can draw on EUMETSAT's weather satellite programmes, topical satellite imagery and youth and climate projects.
- The **EMS MEDIA SESSION** was organised as a joint event within the workshop programme. Contributions addressing a wide range of topics, including the role of different media in a warning system, the development of new communication strategies and use of social media, and the role of the press officer within the national meteorological services had been invited.

PUBLICATION: THE MEDIA DVD

A DVD with material on developments in broadcast weather forecast techniques and communication to the general public was produced by the Media Team. Included are presentations given at

- The Media Session of the EMS Annual Meeting & ECAM in Reading,
- The new session on communication of uncertainty in climate prediction,
- As a speciality for this year, also some of the presentations given in the joint workshop on communication for European Weather Services.

The DVD was distributed to communication professionals involved in meteorology in Europe and participants of the media sessions. The DVD can also be requested directly from the EMS (ISBN: 978-961-6324-50-2).



Broadcast Meteorologist J. Trobec shares his experience with colleagues



Communication and Publications

The main objective of communication and publication activities is to share as much as possible information on the activities of EMS Members, provide good practice examples and facilitate sharing of experience and exchanging ideas between the Members.

The channels of communication include the website, an electronic newsletter, the EMS Annual Reports and the annual DVD on media & communication; more recently activities using social media networks have been developed. The Editorial Board oversees these publications. In addition, short conference papers of the EMS Annual Meetings and partner conferences are published in the Open Access Journal *Advances in Science and Research*.

Website

The most important tool of communication between EMS and its Members is the EMS website emetsoc.org. It also serves to provide information about activities of the EMS, as well as other initiatives and events of interest to the wider meteorological community:

- Information on each Member and links where to find more details.
- News section dedicated to activities of Member organisations.
- Photo galleries and tools for the EMS photo competition *Europhotometeo* held biennially.
- And many resources and links, plus announcements of awards and job opportunities.

ems-message

The *ems-message* as an electronic newsletter was established in 2008 with the aim of facilitating the exchange of information amongst the meteorological community, its individuals and organisations. It was published as a pdf-file for download from the website and has developed into a means of communicating information on activities of EMS Members, as well as activities and announcements by the EMS.

- After a review in 2013 that concluded that much of the information already available on the website is duplicated in these newsletters, the *ems-message* was re-designed as an e-mail newsletter that highlights some items on emetsoc.org.

- The newsletter provides links to news items and other topical information, drawing attention to what is already available from the website. This approach makes it even easier for contact points to distribute information and links.

Social Media

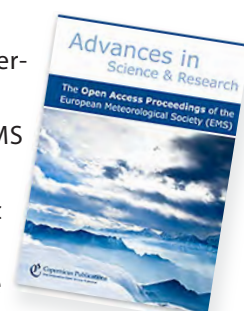
The EMS also posts current activities and information on

- Facebook: <https://www.facebook.com/European-MetSociety>, and
- Twitter: <https://twitter.com/EuropeanMetSoc>.

Publication of contributions to the EMS Annual Meeting and ECAM 2013

Contributions to the EMS Annual Meetings and partner conferences can be published as short conference papers in the *Advances in Science and Research*, the Open Access Proceedings of the EMS.

- The submissions to this journal undergo a thorough peer-review. For this, convenors of sessions held at the EMS & ECAM in Reading volunteered to act as guest editors for their specific topics.
- Accepted and proof-read papers are immediately published online and are readily available.
- Eight volumes have so far been published, the most recent one covering the papers from the 2013 EMS & ECAM: <http://www.adv-sci-res.net/volumes.html>.
- An Article-level metrics (ALMs) introduced by the publisher Copernicus in 2013, allows the quantification of the usage (downloads, views), impact (citations), saves (bookmarks), and discussion (social media) of scholarly work at the article level. In comparison to the traditional way of measuring impact at the journal level, ALMs offer a more informative way of assessing the overall influence and reach of the individual articles.



Awards and Prizes

The Awards Programme of the EMS honours outstanding achievements of meteorologists through the EMS Silver Medal and the Media Awards, acknowledges excellence in young scientists through the Young Scientist Award, and provides travel support for young scientists in the early stage of their career. The Outstanding Poster Award highlights good practice in conference poster presentations.

EMS Silver Medal

The recipient of the *EMS SILVER MEDAL 2013* is Hartmut Graßl, Germany. He was honoured for his leadership in shaping climate science and exceptional communication of climate change science to peers, political leaders and the public.

THE LAUDATIO was given by Johannes Schmetz, EUMETSAT, the outgoing Chair of the EMS Awards Committee.

Hartmut Graßl's *SILVER MEDAL LECTURE* was entitled *Meteorological Services and Satellites as the Pillar for Understanding the Earth System*. The presentation can be downloaded from http://presentations.copernicus.org/EMS2013-809_presentation.pdf.

Young Scientist Award

THE *YOUNG SCIENTIST AWARD 2013* was awarded to Gert-Jan Steeneveld from the Department of Meteorology and Air Quality of Wageningen University. The award recognises his excellent research work on the atmospheric boundary layer with emphasis on practical aspects and applications, demonstrating new ways to collect data and draw scientific conclusions with his paper "Quantifying urban heat island effects and human comfort for cities of variable size and urban morphology in The Netherlands", *Journal of Geophysical Research*, Vol. 116, D20129, doi:10.1029/2011JD015988, 2011.

Media Awards

Exchange of views on how to improve communication of meteorological and climatological information between developers, users, stake holders and decision makers, and to the general public has been one of the central objectives of the EMS since its foundation in 1999. To highlight outstanding examples and achievements in this area, the EMS Media awards have been established.

The *OUTREACH AND COMMUNICATION AWARD 2013* was awarded to

- Siri Kalvig, Norway

for her outstanding abilities and initiatives over 20 years to promote knowledge on meteorology, weather and climate as well as environmental awareness to the general public.

<http://www.emetsoc.org/awards/media-awards/ems-outreach-communication-award>.

The *BROADCAST METEOROLOGIST AWARD 2013* was awarded to

- Dimitrios Ziakopoulos, Greece

in recognition of life achievement as an outstanding broadcast meteorologist, the "voice and face of weather" in Greece.

<http://www.emetsoc.org/previous-award-recipients-ziakopoulos>.

Award Presentations at the
EMS Annual Meeting
11 September 2013:



Presentation of Silver Medal to
Hartmut Graßl (left) by the EMS
President Dominique Marbouty.



Young Scientist Award for
Gert-Jan Steeneveld



Siri Kalvig receiving the Outreach &
Communication Award



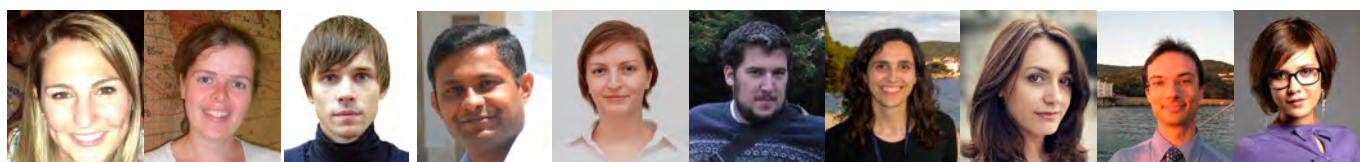
Dimitrios Ziakopoulos (right)
receiving the Broadcast Meteorolo-
gist Award (photo: T. Cegnar)

Young Scientist Travel Awards (YSTAs)

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. In 2013 the EMS made 10 Young Scientist Travel Awards for participation in five events. These have supported young scientists from 8 countries: Croatia (1), Czech Republic (1), Germany (1), Italy (1), Portugal (1), Russian Federation (2), Spain (2) and The Netherlands (1). One of these awards has been funded by EUMETSAT for the 2013 EUMETSAT Meteorological Satellite Conference.

Reports provided by award recipients are available at <http://www.emetsoc.org/awards/travel-awards-ystas>.

13th EMS Annual Meeting and 11th ECAM 9 – 13 September 2013, Reading, UK	Estel Blay Carreras Universitat Politècnica de Catalunya, Barcelona, Spain
	Miranda Braam Wageningen University, The Netherlands
	Alexander Kandaurov Institute of Applied Physics, Nishniy Novgorod, Russian Feder.
	Pavan Kulkarni University of Evora, Portugal
	Christina Stawiarski Karlsruhe Institute of Technology, Karlsruhe, Germany
7th European Conference on Severe Storms 3 – 7 June 2013, Helsinki, Finland	Petr Zacharov Institute of Atmospheric Physics, Prague, Czech Republic
32nd IC on Alpine Meteorology 3 – 7 June 2013, Kranjska Gora, Slovenia	Maria Tous Universitat de les Illes Balears, Palma de Mallorca, Spain
ECMWF Annual Seminar 2 – 5 September 2013, Reading, UK	Karmen Babić University of Zagreb, Croatia
EUMETSAT Meteorological Satellite Conference 16 – 20 September 2013, Vienna, Austria	Giovanni Tumolo Abdus Salam International Centre for Theoretical Physics, Trieste, Italy
<i>This award was funded by EUMETSAT.</i>	Julia Smirnova Russian State Hydrometeorological University, St. Petersburg, Russian Federation



Council and General Assembly 2013

The EMS Council met on 8 September 2013 in Reading for its 29th Session, the 15th General Assembly convened on the same day, following the meeting of the Council.

Main Council decisions

MEMBERS OF EMS COMMITTEES

The EMS Council has assigned new members to both the Awards Committee and the Committee on Meetings.

- Jean-Noël Thépaut (ECMWF) joined the Awards Committee and Guðrún Nína Petersen (VeF, Iceland) took over as chair of the committee from Johannes Schmetz. Details at <http://www.emetsoc.org/governance-structure/project-teams-committees/awards>.
- Renate Hagedorn (DWD) and Ewen McCallum (retired Chief Meteorologist from the UK Met Office) have joined the Committee on Meetings (CoM). Jean Pailleux (France) who also chaired the NWP Programme Group of the Annual Meetings, has left the committee after five years to take on other responsibilities in the meteorological community.

Information about the terms of reference and composition of the committees can be found at <http://www.emetsoc.org/governance-structure/project-teams-committees>

ELECTION OF VICE-PRESIDENT

Bob Riddaway (RMetS, UK) was re-elected as Vice-President of the EMS for three more years.

OTHER DECISIONS

The Council decided to hold the EMS Annual Meeting & ECAC 2016 in Trieste, Italy, in the second week of September, and to launch another Europhotometeo competition: submission of entries opened in November 2013 and results announced on 31 March 2014.

General Assembly

COUNCIL ELECTIONS

The General Assembly elected the following Societies as Member of the EMS Council for the term until 2015:

- Czech Meteorological Society, represented by Tómaš Halenka.
- Portuguese Association for Meteorology and Geophysics, represented by Luís Pessanha.
- Geofysikköjen liitto and Geofysiikan Seura r.y. (Finland), represented by Sylvain Joffre.

Details at <http://www.emetsoc.org/governance-structure/council/council-composition>.

The President Dominique Marbouty expressed great gratitude to the outgoing Members, Ksenija Cindric as representative of HMD (Croatia), Guy Schayes as representative of SRBA (Belgium), and Eigil Kaas as representative of DaMS (Denmark) for their commitment to the EMS and the important contributions they have made to the work of the EMS Council during the last two years.

EXCHANGE ON ACTIVITIES AND DISCUSSIONS OF THE MEMBERSHIP

The main part of the General Assembly was devoted to the exchange of information on activities of the EMS Members, as well as on the problems the organisations face and current discussions on their further development and challenges.



Europhotometeo EPM'14, 8th rank: John Owen



Europhotometeo EPM'14, 4th rank: Florent Estival

Our Resources - Financial Accounts 2013

The balance as at 31 December 2013 has increased by 59 006.60€ as compared to 31 December 2012.

Summary Statement of Financial Activities for the Year 2013:

All financial figures are given in Euro.

	2013	2012
INCOME		
Income Societies Membership Fees	19 264.54 ^a	24 442.06
Income Associate Membership Fees	42 780.00 ^b	38 589.43
Annual Meeting license fee	88 327.88	31 329.21
Other	6 682.95 ^c	3 193.04
Interest	385.63	302.84
TOTAL INCOME	157 441.00	97 856.58
EXPENDITURE		
Salaries (incl. expenses for employer)	73 210.32	69 212.41
Banking charges	66.15	116.90
Travelling	10 061.40	8 708.47
Office costs	817.16	900.75
Honoraries, Fees, Insurances	4 437.04	4 340.48
Awards	8 361.70	12 824.20
Publications	1 480.63	4 717.30
Committees and Project Teams	0.00	447.3
Support Members and topical meetings	0.00	141.40
Workshops	0.00	0.00
Other costs	0.00	0.00
VAT Other	0.00	1 897.08
Other taxes	0.00	5.27
TOTAL EXPENDITURE	98 434.40	103 311.64
INCOME – EXPENDITURE	59 006.60	-5 455.06
ACCOUNT BALANCE 1 JANUARY	84 274.86	89 729.92
ACCOUNT BALANCE 31 DECEMBER	143 281.46	84 274.86

a. Membership Fee 2013:

includes € Membership Fees Member Societies 2011 and 2012: 471.56€

b. Associate Membership Fee 2013:

includes Membership Fees Associate Members 2012: 1 000.00€

includes Membership Fees Associate Members 2014: 1 000.00€

c. Other income:

includes tax from the Annual Meeting 2013: 6182.95€

includes donation for one YSTAs by EUMETSAT: 500.00€

Audit The financial accounts have been audited on 03 June 2013 by the auditor appointed by the EMS General Assembly 2013. The auditor's report is submitted to the EMS General Assembly 2014.

Auditor:

Clemens Kucklick

Kantstraße 151

10623 Berlin

Germany

www.ckucklick-wp.de

COMMITTEE MEMBERSHIP**COMMITTEE ON MEETINGS**

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

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STAFF

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*THE FREE UNIVERSITY OF BERLIN
 KINDLY HOSTS THE EMS SECRETARIAT
 AT THE PREMISES OF THE
 INSTITUTE FOR METEOROLOGY.*

**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
 BIC/SWIFT DEUTDE33
 IBAN DE84100700240881777700

EMS COUNCIL

From 8 September 2013 the
 following Council held office:

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VICE-PRESIDENT

Bob Riddaway

TREASURER

Jean-Pierre Chalon

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c/o Institut für Meteorologie
 Freie Universität Berlin
 Carl-Heinrich-Becker-Weg 6 – 10
 12165 Berlin
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 e-mail: ems-sec@emetsoc.org
www.emetsoc.org

EMS MEMBER SOCIETIES 2013

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

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

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DEPARTMENT OF HYDROLOGY AND CLIMATOLOGY OF VILNIUS UNIVERSITY (LITHUANIA)

ACADEMIC ASSOCIATION IN HYDROMETEORLOGY (AAH, RUSSIAN FEDERATION)