



EMS ANNUAL REPORT 2014



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Europhotometeo'14

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

Photos on the cover (David Köster) and page 7 were entries to the
Europhotometeo competition EMP'14, photos on pages 2, 5, 6, 8, 11
and 12 were taken at the EMS & ECAC.

Message from the President



Dear colleagues and friends,

I have the pleasure to present this first Annual Report in my term of office as EMS President. I hope you will find this report of activities of the Society in 2014 informative and interesting.

In 2014 the EMS had been in existence for 15 years. Looking back to the beginnings, it has achieved something impressive that could not have been expected when the organisation was launched in 1999: the EMS has become a partner and player in the meteorological community in Europe. It has built a bottom-up network that most meteorological societies have joined, and even contributed to the formation of new societies in some countries. It has developed into a forum for discussions on challenges in meteorology: the science, the applications, the needs of society, the business. Stakeholders from all sectors make use of the EMS as an umbrella organisation enabling them to develop their networking and cooperation initiatives.

The EMS Annual Meeting has become the natural forum for these activities. EMS14 was successfully organised jointly with ECAC10 in Prague last October. Over the years these conferences have been growing in scope. Following feedback and suggestions from participants, programme blocks and sessions have been added. Several organisations and agencies make use of the EMS Annual Meeting to organise side meetings and workshops and bring together scientists, developers and managers in discussion groups. EMS runs a prestigious awards programme. Prizes are handed out during the awards ceremony which is part of the Meeting programme. Other bodies have decided to make use of this forum for their own awards scheme. EMS also reaches out to the younger scientists. Since 2002, 167 Young Scientist Travel Awards have been awarded that have enabled scientists in the early stages of their career to participate in international conferences, meet their peers and discuss their research, and start building the network that is essential for their scientific career.

The Eurometeophoto competition, once again organised by the Spanish Meteorological Society AME, was held in 2014. The winning photo was chosen from amongst 475 entries, reflecting the popularity of the event. A selection of the winning entries was exhibited at the Prague conference and provided a very popular backdrop during breaks.

This success story of EMS is all the more noteworthy as a large part of the work that was and is necessary to maintain the EMS activities is contributed by volunteers mostly in addition to their normal workload and in their free time. I would like to thank everyone who has contributed to EMS activities for their commitment and dedication and willingness to do voluntary work.

Horst Böttger, 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

Community network in Europe: a forum for exchange

By the end of 2014 the EMS had 36 Member Societies. 32 Associate Members support the EMS: National Meteorological and Hydrological Services, Service Providers, Manufacturers, Education and Research Institutions. Each of these groups is represented at the Council Sessions by an observer. In addition, three international organisations (ECMWF, ESA and EUMETSAT) have permanent observer status at the Council. In 2014, three organisations joined the EMS, two organisations cancelled their Membership.

New Members in 2014

The following organisations were accepted for membership of the EMS by Council Session in 2014.

- METEOROLOGICAL SOCIETY OF BOSNIA AND HERZEGOVINA (MDBH), founded in 2012, was welcomed as an EMS Member Society.
- The SERVEI METEOROLÒGIC DE CATALUNYA (METEO.CAT/SMC), the regional weather service of Catalonia, Spain, was welcomed as an EMS Associate Member.
- INNOVATIVE SOLUTIONS FOR INSTRUMENTATION AND SCIENCE ([IS]²), a private service provider based in Toulouse, France, was welcomed as an EMS Associate Member.

Dormant Members

- The Asociación Española de Biometeología is a "Dormant Member" from 1 September 2014.

Membership cancellations

The following two organisations cancelled Associate Membership in 2014.

- Campbell Scientific - Europe
- Earth Networks, US

Membership 2014 in numbers

MEMBER SOCIETIES	36	
<i>Number of states</i>		30
<i>Number of individuals represented</i>		9831
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



Udruženje meteorologa u Bosni i Hercegovina:

The society has been established in 2012

and has 18 members. The President is Bakir

Krajinović. The main activities focus on the education of young people: no faculty for meteorology exists in the country, thus activities in education are highly important for the society and beyond.



The Servei Meteorològic de Catalunya (SMC),

was established in 1921, active until 1939, and then reestablished in 1996. SMC has 70 staff.

SMC is organised into several areas: Forecasting, Climatology, Observation Systems, Modelling and Applied Research, Information and Communication Technologies and Administration. One of the main objectives is to provide meteorological and climatic information to regional governmental institutions.



The Innovative Solutions for Instrumentation

and Science ([IS]²) was established in January 2013 to provide the scientific community with

the state of the art instruments and analyzing

tools, especially in the field of Meteorology. The goal of [IS]² is to work upstream in the development of new instruments, as well as the validation or improvement of already existing ones, by carrying out field experiments, validation studies, data analysis campaigns and much more.

14th EMS Annual Meeting

The EMS Annual Meeting and the European Conference on Applied Climatology (ECAC) in Prague, the capital of the Czech Republic, were attended by almost 600 participants. Also many organisations held side events or workshops during the conference week.

Highlighting the importance of collaboration through the conference theme 'Creating climate services through partnerships', the meeting included interesting strategic lectures and a plenary discussion under the heading : The challenge of Climate Services: bridging the gaps.

The 2014 Conference in short

- **SESSION PROGRAMME:** The conference programme consisted of 35 sessions in four programme groups, which included 410 oral presentations accompanied by the display of 200 posters. The feedback from participants indicated that overall the presentations were of high quality and the scheduling of sessions appropriate for both the oral and the poster presentations. The wish to provide guidance for session chairs was expressed.

- **PLENARY DISCUSSION:** The ECAC Symposium on '*The challenge of climate services: bridging the gaps*' started with an introductory lecture on climate services and challenges, given by Hans von Storch, Head of the System Analysis and Modelling Department at the Institute of Coastal Research, Geesthacht, Germany. His provocative thoughts were then discussed by a panel of five: Radim Tolasz, (CHMI, Czech Republic), Inger Hansen Bauer, (NMI, MET Norway), Hilppa Gregow, (FMI, Finland), Laurent Dubus, (EDF - Research & Development, France) and Hans von Storch.

They discussed questions such as how the wide variety of user needs can be met and how in turn users will influence the development of climate services and the underpinning research by defining their needs. Also consideration was given to how duplication of work on climate services can be minimised and how consistency across Europe for cross-border issues can be achieved. See the stream of the discussion on >YouTube.

- **EXHIBITION:** The exhibition, consisting of four stands in the central foyer, enjoyed plenty of attention during coffee breaks. Kipp & Zonen B.V., manufacturer of radiation measurement equipment, and Scintec AG, manufacturer of remote sensing instruments for wind, temperature and turbulence, provided information about their products and future plans. In addition, the American Meteorological Society (AMS) had a booth for the first time, and many conference participants spontaneously decided to join the AMS, or even subscribe to one of its journals. The publisher, Elsevier B.V., presented its latest publications in areas relevant to the participants of the meeting.
- **OUTSTANDING POSTER AWARD:** Michael Ponater, Vanessa Rieger, and Simone Dietmüller from the DLR-Institute for Physics of the Atmosphere, Oberpfaffenhofen, Germany, won the award for their poster *Can feedback analysis be used to understand efficacy differences between radiative forcings?* The award includes a registration fee waiver for the EMS & ECAM 2015. The winning poster, including the citation, can be viewed at the EMS Best Practice site.
- **PHOTO EXHIBITION:** Following the successful third EMS photo competition, canvas prints of nine of the winning entries were displayed in the foyer of the conference centre. The exhibition attracted a lot of attention and was well received and well attended during the entire week (photo). (see also chapter on Europhotometeo).



Participants

613 participants from 45 countries attended the meetings, including 6 exhibitors and 14 people from the media; 36% of the participants were female. The three main categories of attendees are from universities (39%), public/governmental research institutions (25%) and national meteorological/hydrological services (25%).

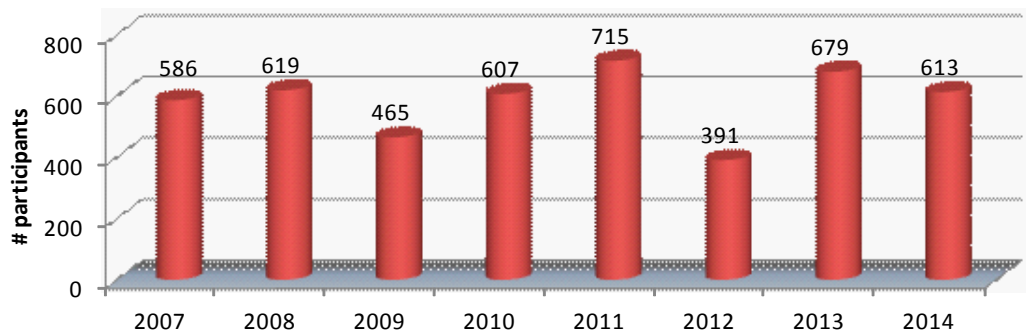
Germany	116	Portugal	7
Czech Rep.	64	Turkey	7
Spain	36	Sweden	5
Italy	34	Estonia	4
UK	33	Romania	4
France	32	Vietnam	4
Netherlands	26	Canada	3
Switzerland	25	Israel	3
Poland	24	Serbia	3
Croatia	20	Brazil	2
Korea, Rep.	20	Bulgaria	2
Finland	18	Latvia	2
Russian Fed.	13	New Zealand	2
United States	13	Slovenia	2
Slovakia	12	Australia	1
Austria	11	China	1
Greece	11	Cyprus	1
Norway	11	India	1
Denmark	10	Mexico	1
Japan	9	Singapore	1
Belgium	8	Taiwan	1
Hungary	7	Ukraine	1
Ireland	7	Total:	613

2015, 2016, 2017 Events

The EMS Annual Meeting in 2015, together with the European Conference on Applications of Meteorology (ECAM), will be held in Sofia, Bulgaria, from 7 to 11 September 2015. Thereafter:

- EMS & ECAC 2016 will be in Trieste, Italy, from 12 to 16 September 2016.
- EMS & ECAM 2017 will be in Dublin, Ireland, from 11 to 15 September 2017.

*EMS Annual Meetings -
Number of participants 2007– 2014*



Poster area



Opening: Welcome by EMS President Dominique Marbouty



Plenary: participants

Europhotometeo'14

Following the success of the Europhotometeo competitions in 2009 and 2012, the EMS Council decided to establish the Europhotometeo as a permanent activity of the EMS that will run biennially. The third contest, the Europhotometeo'14, was announced in autumn 2013, and the final results published on 31 March 2014.

475 photos showing meteorological phenomena were accepted for the competition. As for the previous contest, the organisation of the competition was in the hands of the Spanish Meteorological Society (AME).

A selection committee, consisting of volunteers from the EMS Members Societies, pre-selected 60 entries for final voting by the jury which was composed of the presidents of all EMS Member Societies plus members of the EMS Council. The winner of the competition was Cyrill Schlauri with '*Snow-Cloud directly over Lake Constance*' (larger photo). The top ten entries are listed below.

A slide show showing the top 60 pre-selected photos was produced by Emily Gleeson of the Editorial Board. Comprehensive information on the Europhotometeo is available at <http://www.emetsoc.org/awards/europhotometeo> and the photo gallery is directly accessible at <http://www.emetsoc.org/publications/photo-galleries/europhotometeo-14>.

The call for submissions for the Europhotometeo'16 will be issued in autumn 2015.

Ranking	Photographer	Title
1st prize	Cyrill Schlauri	Snow-Cloud directly over Lake Constance
2nd prize	Vincent Deligny	Lightning Alley
3rd prize	David Köster	Aurora Borealis over Jökulsarlon (cover photo)
4	Florent Estival	Apocalypse Bow
4	Alexander Stepanenko	Lunar Halo
4	Giovanni Allievi	Rough Sea
7	Tarquinius Vadeanu	Magic Morning
8	Marco Korosec	The Independence Day
8	John Owen	Ground Halo
10	Matthieu Collin	Cosmic Snake



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 other organisations (e.g. International Association of Broadcast Meteorology).

2014 Highlights

EMS TRAINING WORKSHOP: TIPS FOR EFFECTOVELY DEALING WITH THE MEDIA

Based on the positive feedback from participants of the first EMS training workshop on dealing with the media, held in 2011, the second training took place in Prague.

The half-day workshop was run by experienced professionals who are used to dealing with the media.

- *Ewen McCallum* delivered an introductory presentation on communication, concentrating on tips about creating key messages when preparing for the interviews and how to deliver them. This was followed by a presentation from *Nick Grahame* on how to deal with uncertainty, followed by an exercise to illustrate how even controlled initial conditions can result in quite different outcomes.

Interactive exercises were organised in small groups:

- *Ewen McCallum* and *Nick Grahame* carried out individual interviews based on a stressful situation when journalists request information when there is a severe weather event with potentially huge economic impact.
- *Frank Cavallaro* advised participants on how to present weather forecasts and offered advice on how to convey uncertainty.
- *Michael Williams* and *Claire Nullis* shared their WMO experience of dealing with the media and provided tips on how to attract the news media attention with a media release. Also, WMO communication expert *Mario Sánchez* concentrated on how NHMSs can best use the media to communicate with the general public.
- At the final plenary session, video clips of training interviews were analysed and constructive feedback was given by all the trainers.

The general consensus was that the workshop was a very useful experience, but it should be longer, lasting at least one whole day, preferably a day and half.

THE THIRD EUROPEAN COMMUNICATIONS WORKSHOP FOR NATIONAL METEOROLOGICAL AND HYDROLOGICAL SERVICES

- The three-day workshop was held alongside the EMS & ECAC in Prague. Organised by WMO, EMS, ECMWF and EUMETSAT, it was attended by communication specialists from European meteorological services and other organisations.
- The focus of the workshop was on social media and how to communicate the value of weather services. The participants also contributed to the joint session on Media and Communication which was part of the EMS Annual Meeting.
- The agenda and many of the presentations given during the workshop are available on a DVD (see below).



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.

- The DVD includes the presentations given at the media session of the EMS Annual Meeting & ECAC in Prague, as well as those presented in the session on communication of uncertainty in climate prediction. Also included are presentations that were given in the joint workshop on Communication for European Weather Services.
- The DVD can be requested directly from the EMS (ISBN: 978-961 6324-46).



Communication and Publications

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

The channels of communication include the website, an electronic newsletter, 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 provides information about the 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 the activities of Member organisations.
- Photo galleries and tools for the EMS photo competition Europhotometeo.
- 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 communicating information on the activities of EMS Members, as well as activities and announcements by the EMS. In 2013 it was re-launched as an e-mail newsletter that highlights some items on emetsoc.org. The newsletter provides topical information, in particular drawing attention to what is already available from the website.

Social Media

The EMS also posts current activities and information on:

- Facebook: <https://www.facebook.com/EuropeanMetSociety> and
- Twitter: <https://twitter.com/EuropeanMetSoc>

Conference Proceedings

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

- Submissions to this journal undergo a thorough peer-review. For this, convenors of sessions held at the EMS & ECAC/ECAM volunteer to act as guest editors for their specific topics.
- Accepted and proof-read papers are immediately published online.
- The most recent volume covers papers from the 2014 EMS& ECAC: <http://www.adv-sci-res.net/volumes.html>.
- An Article-level metrics (ALMs) allows quantification of the usage (downloads, views), impact (citations), saves (bookmarks), and discussion (social media) of scholarly work at the article level.



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 poster presentations at the EMS Annual Meetings and partner conferences.

Young Scientist Travel Awards

Most awards are given as travel support for young scientists in the early stage of their careers. As a result, they can participate in international conferences that provide opportunities for exchanging information and developing their expertise. In 2014, the EMS made 12 Young Scientist Travel Awards for participation in seven events. These have supported young scientists from 10 countries: Cyprus (1), Germany (1), Greece (1), Hungary (1), Finland (1), Italy (1), Lithuania (1), The Netherlands (3), Portugal (1) and Romania (1). Two YSTAs were funded by EUMETSAT for participation in the 2014 EUMETSAT Meteorological Satellite Conference. Three poster awards were given at the ESA Earth Observation Summer School.

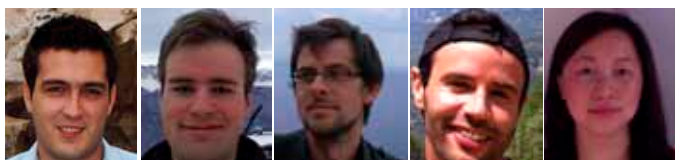
Reports provided by award recipients are available at <http://www.emetsoc.org/awards/travel-awards-ystas>.

9th International Conference on Air Quality, 24 - 28 March 2014, Garmisch-Partenkirchen, Germany:

- **Theodore Giannaros**, Aristotle University of Thessaloniki, Greece
On the impact of air quality on human health: Application of an air quality index for Thessaloniki.

21st Symposium on Boundary Layers and Turbulence, 9 - 13 June 2014, Leeds, UK

- **Eduardo Wilde Bárbaro**, Wageningen University, The Netherlands/Brazil
Effects of aerosols on the convective boundary-layer dynamics and land-atmosphere system
- **Curtis Wood**, Finnish Meteorological Institute, Finland/UK
In-situ and remotely sensed shallow atmospheric boundary layers over Helsinki city.



16th Conference on Mountain Meteorology, 18 - 22 August 2014, San Diego, USA

- **Luca Panziera**, University of Trento, Italy
Orographic convection in unstable sheared flow: a conceptual model.

ECMWF Annual Seminar, 08 - 12 September 2014, Reading, UK

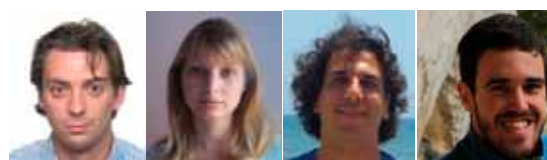
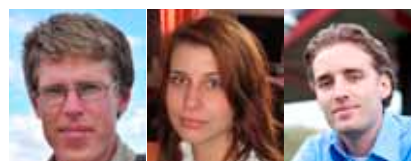
- **Christine Nam**, Universität Leipzig, Germany/Canada

2014 EUMETSAT Meteorological Satellite Conference, 22 - 26 September 2014, Geneva, Switzerland

- **Justinas Kilpys**, Lithuanian Hydrometeorological Service, Lithuania
Snow cover climatology over the Baltic States based on MODIS satellite data
- **Alina Ristea**, National Meteorological Administration of Romania
Meteosat SEVIRI visualization and processing – Comparing open source software for operational use.
- **Geert Vinken**, Eindhoven University of Technology, The Netherlands
Worldwide biogenic soil NOx emission estimates from OMI NO2 observations and the GEOS-Chem model.

14th EMS Annual Meeting and 10th European Conference on Applied Climatology 06 – 10 October 2014, Prague, Czech Republic

- **Ivo van Hooijdonk**, Eindhoven University of Technology, The Netherlands
Shear Capacity as Predictor of Nocturnal Boundary Layer Regimes
- **Anna Kis**, Eötvös Loránd University, Hungary
Projected changes of percentile-based precipitation indices for the 21st century in Central/Eastern Europe
- **Rogiros Tapakis**, Cyprus University of Technology, Cyprus
Computation Of Cloud Motion For Solar Irradiance Prediction
- **João Carlos Teixeira**, University of Aveiro, Portugal
Identifying coupling Modes of Particulate Matter and Meteorological Fields through Singular Vector Decomposition



EMS Silver Medal

The recipient of the EMS Silver Medal 2014 was Peter Lynch, Ireland. He was honoured for his outstanding contribution to meteorological education and outreach activities, his important scientific contribution to numerical weather forecasting and his leadership in international collaborations.

The laudation was given by David Burridge, former Director of ECMWF, President of the EMS from 2005 to 2008, and a recipient of the EMS Silver Medal in 2010. Peter Lynch's Silver Medal Lecture was entitled *Balanced Flow on the Spinning Globe*.

- The video of Peter Lynch's lecture: <https://www.youtube.com/watch?v=QHpd1eF443o>, and the presentation can be downloaded at <http://mathsci.ucd.ie/~plynch/Talks/EMS-Prague.pdf>.

Young Scientist Award

THE YOUNG SCIENTIST AWARD 2014 was presented to Cathryn Birch from the Met Office in the UK. It was given in recognition of her scientific work that brings together models and observations to quantify the processes leading to major biases in weather and climate models in both the Arctic and Tropics. The results of her work are one of the key inputs for further improvements of weather and climate models. Cathryn gave a Young Scientist Award Lecture on her work at the EMS & ECAC in Prague: Using convection-permitting models to better understand tropical convection ([link](#))

Media Awards

Exchange of views on how to improve communication of meteorological and climatological information between developers, users 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.

OUTREACH AND COMMUNICATION AWARD

The EMS Outreach & Communication Award 2014 was presented to two projects that demonstrate outstanding efforts to communicate knowledge on weather and climate:

- The "Turbulence" programme on Českátelevize, the Czech public TV station. This project demonstrates that engaging meteorologists/weather presenters and communicating weather and climate issues through TV programmes is particularly powerful. The approach taken has the potential to reach a wide spectrum of ages and education levels amongst the population, and it has quite a broad audience.
- The UK Met Office STEM Outreach Programme: The Science, Technology, Engineering and Mathematics (STEM) programme uses sophisticated and ambitious tools to reach out to both children and adults and communicates the joy of science, (e.g. science camp, attendance at science fairs and last but not least with ambassadors). Some of the elements are also hands on, which is time consuming but also quite rewarding.
<http://www.emetsoc.org/awards/media-awards/ems-outreach-communication-award>.

Award Presentations at the
EMS Annual Meeting
07 October 2014:



Presentation of Silver Medal to Peter Lynch (middle) by the EMS President Dominique Marbouty. David Burridge (right) gave the laudation.



Young Scientist Award for Cathryn Birch, UK.



Felicity Liggings accepting the Outreach & Communication Award for the UK Met Office STEM Outreach Programme.

TV Weather Forecast Award 2014

Ten video clips of TV weather forecasts were submitted for the Award, with six of the entries being received from countries outside Europe. The selection committee chose the forecast on Super Typhoon Haiwan produced by Tran Thao Linh from Vietnam to receive the award.

Citation

The entry was a good mixture of forecast details and practical information for viewers as Super Typhoon Haiwan approached Vietnam. Producer Tran Thao Linh, who is a meteorologist with a master's degree, did an excellent job of putting the enormity of the typhoon into context by showing a video of the storm in the Philippines, and comparing it in size and strength to other well-known storms. The parameters of the storm and its forecast track were delivered in a calm but authoritative tone. The presentation included examples of what residents could do to prepare for the impending storm's landfall.



Tran Thao Linh (right) receiving the TV Weather Forecast Award

Journalist Award 2014

This newly established award aims to highlight outstanding examples of journalism in the field of meteorology or climate science. Publications that successfully inform and educate the general public are vital to bridge the communication gap between science and society. The first recipient was John Sweeney who has had a large impact on communicating climate and meteorology to the people of Ireland.

Citation

He tackles the important issue of communicating climate change science to the public with a calm and accurate manner. He reaches radio and television audiences by using easily understandable examples without distorting the underlying scientific message, thereby bridging the gap between the scientific community and the public.



John Sweeney with the Award Trophy

Honourable Mentions

Among the entries, two more excellent presentations were selected to receive an Honourable Mention:

- Desislava Banova, Nova Broadcasting Group (Bulgaria)
- Bo Yee Poon, anchor on weather news programmes for CCTV News and XINHUA World News (China)

Council and General Assembly 2014

The EMS Council met on 5 October 2014 in Prague for its 31st Session; the 16th General Assembly convened on the same day, following the meeting of the Council.

CHANGE OF CONSTITUTION

An important decision of the General Assembly concerned a change of the constitution of the EMS. Based on a recommendation of the Council, the General Assembly agreed to extend the length of term for rotating representative Members on the Council from two years to three.

Main Council decisions

ELECTION OF EMS PRESIDENT AND TREASURER

- The term of Dominique Marbouty (France) as EMS President ended after three years; re-election of a President is not possible. The Council elected Horst Böttger (Germany) as new President of the EMS for three years.
- Council renewed the term of the Treasurer: Jean-Pierre Chalon (France) was re-elected for a three-year term until 2017.

The EMS Council assigned new members to the Committee on Meetings and the Media Team.

- Saskia Willemse (Switzerland) and Gert-Jan Steeneveld (The Netherlands) have joined the Committee on Meetings (CoM). Heleen ter Pelkwijk (The Netherlands) and Hans Richner (Switzerland) have left the committee; they have both been members of the CoM since it had been re-established in 2008. Horst Böttger (Germany) has stepped down as chair and committee member after six years, also a member since 2008. Sylvain Joffre was elected as new chair for two years.
- Inge Niedek (Germany), chair of the International Association of Broadcast Meteorologists, has joined the EMS Media Team.

OTHER DECISIONS

The Council agreed to launch two new awards:

- The Outstanding Contribution Award, to be given biennially, will be awarded for the first time in 2015.
- The Technology Achievement Award, to be given annually, will be launched in 2015 and awarded for the first time in 2016.

The Council also agreed to launch another Europhotometeo competition: submission of entries will open in November 2015 with the results to be announced in spring 2016.

General Assembly

COUNCIL ELECTIONS

Following the decision to change the constitution with respect to the length of term of Council representatives, the General Assembly agreed to:

- Extend the term of the PTG-Meteorological Section, Poland, represented by Joanna Wibig, by one year until 2015,
- Elect the following Societies as Member of the EMS Council for the term until 2017: Unione Meteorologica del Friuli Venezia Giulia (UM-FVG), represented by Renato R. Colucci, and Bulgarian Meteorological Society (BMS), represented by Ekaterina Batchvarova.

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

The President Dominique Marbouty expressed great gratitude to the outgoing Members, Paul Halton as representative of IMS, Ireland, and Amir Givati as representative of IMS, Israel, 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 a discussion about the problems that organisations are facing and the opportunities for further developments.

Our Resources - Financial Accounts 2014

The balance as at 31 December 2014 has decreased by 23 989.99€ as compared to 31 December 2013.

Summary Statement of Financial Activities for the Year 2014:

All financial figures are given in Euro.

	2014	2013
INCOME		
Income Societies Membership Fees	18 954.79 ^a	19 264.54
Income Associate Membership Fees	37 000.00 ^b	42 780.00
Annual Meeting license fee	23 032.88	88 327.88
Other	2 612.30 ^{b,c}	6 682.95
Interest	351.68	385.63
TOTAL INCOME	81 951.65	157 441.00
EXPENDITURE		
Salaries (incl. expenses for employer)	74 060.97	73 210.32
Banking charges	39.90	66.15
Travelling	9 301.23	10 061.40
Office costs	1 245.26	817.16
Honoraries, Fees, Insurances	4 209.73	4 437.04
Awards	13 104.57 ^c	8 361.70
Publications	989.23	1 480.63
Committees and Project Teams	100.00	0.00
Support Members and topical meetings	0.00	0.00
Workshops	500.00	0.00
Other costs	114.08	0.00
VAT Other	0.00	0.00
Other taxes	0.00	0.00
TOTAL EXPENDITURE	103 574.97	98 434.40
INCOME – EXPENDITURE	- 21 623.32	59 006.60
Payments on fixed assets	- 2 366.67	0.00
ACCOUNT BALANCE 1 JANUARY	143 281.46	84 274.86
ACCOUNT BALANCE 31 DECEMBER	119 291.47	143 281.46

a. Membership Fee 2014:

includes € Membership Fees Member Societies 2013: 272.60€

b. Other income:

includes tax from the Annual Meeting 2014: 1 612.30€

includes donation for two YSTAs by EUMETSAT: 1 000.00€

c. The VAT on the AME invoice of 153,90 shown in the German statement as VAT other under Income has been offset in the accompanying statements against the corresponding invoice.

Auditor:

Clemens Kucklick
Galvanistraße 15
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Audit The financial accounts have been audited on 19 June 2014 by the auditor appointed by the EMS General Assembly 2014. The auditor's report is submitted to the EMS General Assembly 2015.

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 AT THE PREMISES OF THE
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**EUROPEAN METEOROLOGICAL SOCIETY**

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