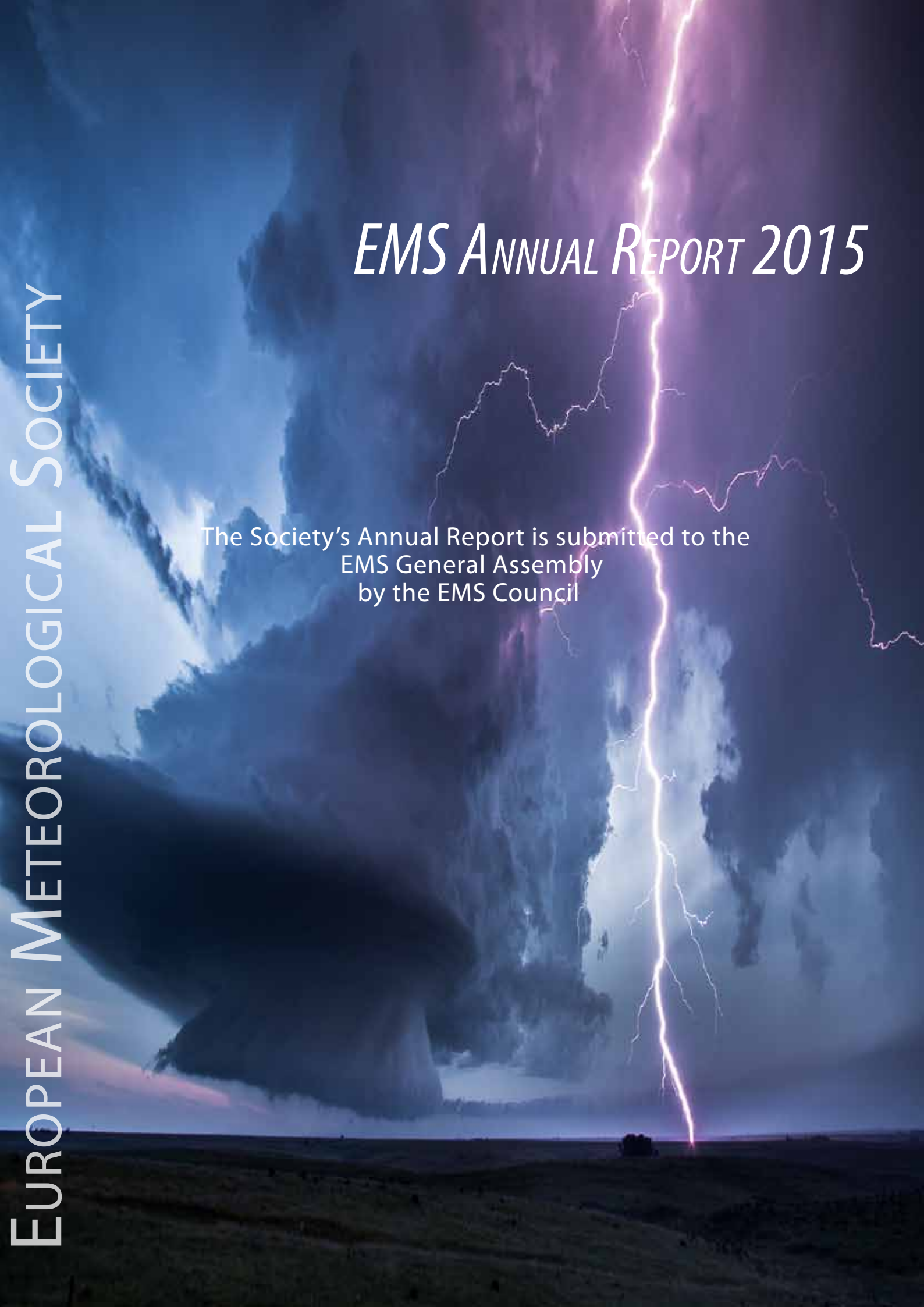


EMS ANNUAL REPORT 2015

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



Content



03

Message from the President

07

Outreach and Media

13

Council and
General Assembly 2015

04

Membership

09

Communication and
Publications

14

Our Resources:
Financial Accounts 2015

05

15th EMS Annual Meeting

10

Awards

15

Council and Council Bodies

07

International Collaboration

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

Photos on the cover (Dorian Dzadula) and page 4 were entries
to the Europhotometeo competition EPM'16,
photos on pages 2, 5, 7, 11 and 12 were taken at the EMS & ECAM 2015.

Message from the President



Dear colleagues and friends,

I have the pleasure to present this second Annual Report in my term of office as EMS President. I hope you will find this report of activities of the Society in 2015 informative and interesting.

The main event in the calendar of activities for 2015 was again the Annual Meeting (EMS15) held jointly with the European Conference on Applications of Meteorology (ECAM12) in Sofia, Bulgaria, in September. The conference was well attended; this was reflected by the high number of presentations which were nearly evenly split over oral contributions and posters. The introduction of extended poster sessions in the programme a couple of years ago has proven to be very popular with participants and has significantly contributed towards enhancing the profile of our poster sessions.

2015 saw the start of significant additions to the awards programme. The EMS Tromp Award, kindly sponsored by the Tromp Foundation, honours outstanding scientific contributions in the field of biometeorology. At the Annual Meeting in Sofia the EMS Tromp Award was handed out for the first time. Council further decided to introduce two new awards, i.e. the EMS Outstanding Contribution Award also handed out for the first time in Sofia and the EMS Technology Achievement Award which was announced in Sofia and will be awarded for the first time in 2016. In addition the Harry Otten Foundation continues to fund biennially the prestigious Harry Otten Prize for Innovation in Meteorology which was awarded in Sofia and will again be handed out in Dublin 2017.

I am also pleased to announce that the Tromp Foundation intends to complement their science award with an additional number of YSTAs in future years. These will be welcome additions to the EMS YSTAs programme giving more young scientists the opportunity to participate in the Annual Meetings, meet their peers and discuss their research, and start building the network that is essential for their scientific career.

A new round of the popular Europhotometeo competition was announced for 2016 and was again organised by the Spanish Meteorological Society AME.

I would like to remind you that 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

Membership

Community network in Europe: a forum for exchange

By the end of 2015 the EMS had 37 Member Societies. In addition, there are 32 Associate Members: National Meteorological and Hydrological Services, Service Providers, Manufacturers, Education and Research Institutions, and International Organisations. Each of these groups can 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 2015, one organisation joined the EMS.

New Member in 2015

In 2015 the ASSOCIACIO CATALANA DE METEOROLOGIA (ACAM), founded in 1995, was accepted for membership by the EMS by Council. The organisation has 168 members. The President is Dr. Joan Bech, University of Barcelona..

ACAM

Main activities of ACAM:

- Organisation of a yearly meeting with invited speakers and poster presentations.
- Publication of a book with summaries of the presentations: *the Jornades de Meteorologia Eduard Fontserè*.
- Announcement of the biennial *Eduard Fontserè* prize, awarded for studies related to Mediterranean Meteorology.
- Publication of the open-access journal *Tethys* <http://www.tethys.cat>, jointly with the University of the Balearic Islands
- Co-organisation with the *Tethys* journal Editorial Board of the biennial International Conference on Meteorology and Climatology of the Mediterranean (*MetMed*).

Membership 2015 in numbers

MEMBER SOCIETIES	37	
<i>Number of states</i>		30
<i>Number of individuals represented</i>		10262
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



EPM'16: Clouds Coming
by Roibu Grigore



EPM'16: Painted Cloud
by Pedro Montamer Escudero,

15th EMS Annual Meeting

The EMS Annual Meeting and the European Conference on Applications of Meteorology (ECAM) in Sofia, Bulgaria, were attended by almost 500 participants. Many organisations used the opportunity to hold side events or organise workshops during the conference week.

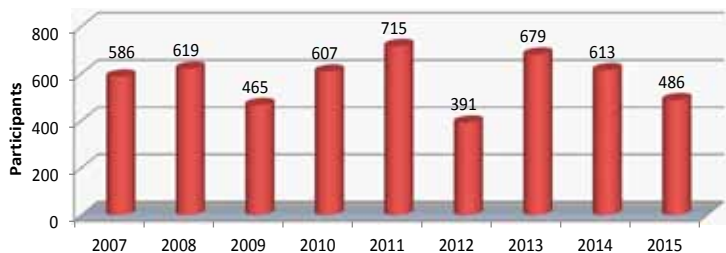
The conference theme *High impact weather and hydrological hazards: from observation to impact mitigation*, highlighted the responsibility of the meteorological community towards vulnerable societies; strategic lectures and many of the discussions reflected the role and collaboration of the entire spectrum of the actors and stakeholders.

The 2015 Conference in short

- PROGRAMME:** The conference programme consisted of 40 sessions in six programme groups, including the newly established group on *Measurements and Observations* with 5 sessions that were well received. 333 oral presentations were accompanied by the display of 225 posters during the week; 160 of the presentations were uploaded by the authors after the conference. The feedback from participants indicated that overall the presentations were of a high quality and the scheduling of sessions appropriate for both the oral and the poster presentations. The establishment of poster introductions for all sessions was welcomed. Suggestions for improvement and further development were made along with the wish to have more keynote and overview presentations.
- PLENARY DISCUSSION:** Introductory talks to the Symposium on 'Big Data in Meteorology: Opportunities and Challenges', provided a glimpse of different views on and concepts of Big Data. Robert Mureau (MeteoGroup), Tim Hewson (ECMWF) and Ken Mylne (UK Met Office) discussed questions such as what can actually be inferred from the vast amount of non-meteorological data, how to ensure that the right information is used in the forecasting process and what special techniques and systems must be developed to do all of this. A lively discussion (including participation from the audience) on whether Big Data is a relevant issue for meteorological applications took place. It was too early to draw conclusions the debate will continue and develop over the coming years. The stream from the discussion is accessible at the EMS YouTube channel.
- 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 at the exhibition for the second time, and many conference participants spontaneously decided to join the AMS, or even subscribe to one of its journals. The publisher and exhibition organiser *UKIP Media & Events* presented up-to-date information on their latest publications and activities in areas relevant to the participants of the meeting.
- OUTSTANDING POSTER AWARD:** Julian Tödter and Bodo Ahrens, Goethe University, Frankfurt, Germany, won the award for their poster *Ensemble-based Soil Initialization for Seasonal-to-Decadal Predictions?* The award includes a registration fee waiver for the EMS & ECAC 2016 in Trieste. The winning poster, including the citation, can be viewed at http://www.ems2015.eu/outstanding_poster_award.html. For many years the same committee members in collaboration with a member from the local host community have been doing this tremendous job of looking at all the posters present and evaluating them, always to a very tight timescale.



- **Participants** 497 participants from 40 countries attended the meetings, including five exhibitors and six professionals from the media, 67% of these male. The three main categories of attendees came from universities (33%), national meteorological/hydrological services (30%) and public/governmental research institutions (23%).



EMS Annual Meetings:
Number of participants 2007– 2015

Germany	83	Romania	7
UK	45	Canada	6
Bulgaria	40	Ireland	5
Spain	36	Belgium	4
Finland	25	Denmark	4
Italy	25	Japan	4
France	23	Sweden	4
Netherlands	23	Australia	3
Czech Rep.	17	Estonia	3
Switzerland	17	Portugal	3
Austria	14	Serbia	3
China	13	Turkey	3
Korea, Rep.	12	Brazil	2
Poland	12	Cyprus	2
Russian Fed.	11	Israel	2
Greece	9	Slovakia	2
United States	9	Slovenia	2
Croatia	7	New Zealand	1
Hungary	7	Singapore	1
Norway	7	Taiwan	1
		Total:	497



Marie Doutriaux Boucher has captured the sometimes solitary feelings of the posteraward selection committee members in a drawing.

2016, 2017, 2018, 2019 Events

The EMS Annual Meeting in 2016, together with the European Conference on Applied Climatology, will be held in Trieste, Italy, from 12 to 16 September 2016.

Thereafter:

- **2017: Dublin, Ireland: 04 – 08 September 2017**
- **2018: Budapest, Hungary: 03 – 07 September 2018**
- **2019: Copenhagen, Denmark: 09 – 13 September 2019**

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.

2015 Highlights

EMS TROMP AWARD was established in 2015. The award is given for an outstanding achievement in biometeorology. The first EMS Tromp Award winner is Bert G.



Heusinkveld from the University of Wageningen, nominated with the paper: *Spatial variability of the Rotterdam urban heat island as influenced by urban land use, published in the Journal of Geophysical Research: Atmospheres, 2014.*

The award includes \$US 1,000 and travel expenses to attend the EMS Annual Meeting, with the awardee expected to give a lecture at the EMS Annual Meeting. The prize was presented during the 15th EMS Annual Meeting and 12th ECAM in Sofia,

Bulgaria, by Wop J. Rietveld of the Tromp Foundation.

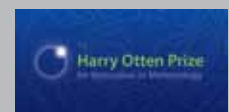
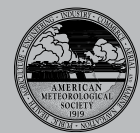
The Tromp Foundation (Foundation for Biometeorological Research), the legacy of Solco W. Tromp, is funding this award with the intention to promote biometeorology in Europe. An agreement between the Tromp Foundation and the EMS was signed to announce this award initially for three years.

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 Meetings with a biennial cycle.

- **FINALISTS.** Three finalists presented their ideas in a special session at the EMS & ECAM in Sofia on 07 September 2015.
- **AWARDS CEREMONY.** The winner, Olivier Boucher, was awarded €25,000 for his idea to use aircraft condensation trails to make measurements of atmospheric wind and humidity. The other two finalists, Alexandros G. Charalambides (together with Rogiros Tapakis) and Tim Hewson (together with Florian Pappenberger) received 2500 Euro each.
- [Link to YouTube video of the awards session](#)



Harry Otten reveals the winner of the Harry Otten Prize 2016: Olivier Boucher (right)



Outreach & 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 cooperates with weather presenters that are members of the AMS, IABM, WMO expert team and other organisations.

2015 Highlights

EMS & WMO workshop on Communicating Climate Change

- The workshop was held on 09 September 2015 in Sofia, alongside the EMS & ECAM. Organised by the WMO and the EMS, the workshop was attended by communication specialists from European meteorological services and other organisations, broadcast meteorologists and climatologists.
- The focus of the workshop was on collecting and sharing examples of best practice. The workshop participants also contributed to the joint session on Media and Communication which was part of the EMS Annual Meeting.
- The workshop agenda and many of the presentations given during the workshop are available on a DVD that the EMS has published (see on the right).

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 in Sofia, as well as those presented in the new session on communication of uncertainty in climate prediction. Also included are presentations that were given in the joint workshop on Communicating Climate Change.
- 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 6324-46).



Inge Niedek, Germany
retired Broadcast
Meteorologist
IABM Chairperson



Tanja Cegnar, Slovenia,
Chair
Slovenian Environment
Agency, Weather
presenter at the
national television



Rasmus Benestad,
Norway
Climate scientist at
Norwegian Meteorological
Institute



Jay Trobec, USA
Chief Met. Kelo-TV
AMS Liason on the
Media Team



Alois Holzer, Austria
ORF Broadcast
Meteorologist



Gerald Fleming, Ireland
Head of Forecasting
Met Éireann

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, 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. Short conference papers of the EMS Annual Meetings are published in *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 is an e-mail newsletter that highlights the latest news items on emetsoc.org. It provides topical information about the activities of EMS Members, job announcements, upcoming conferences, and announcements and deadlines related to EMS awards. Subscription is possible through the website.

Social Media

The EMS also posts current activities and information on:

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

Streams of conference sessions are available on > YouTube.

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 peer-review. Convenors of sessions at the EMS & ECAM volunteer as guest editors for their specific topics.

Articles of *Advances in Science and Research* are included in the *Conference Proceeding Citation Index (CPCI)*. The CPCI is part of Web of Science™ Core Collection which helps researchers access the published literature from the most significant conferences, symposia, seminars, colloquia, workshops, and conventions worldwide. This resource offers a complete view of conference proceedings and their impact on global research, providing cited reference search to track emerging ideas and new research beyond what is covered in the journal literature. Two editions cover the sciences and social sciences. (see <http://thomsonreuters.com/en/products-services/scholarly-scientific-research/scholarly-search-and-discovery/conference-proceedings-citation-index.html>). All conferences (edition to edition) are evaluated individually regarding their inclusion.



Awards

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, and the Outstanding Contribution Award highlights important contributions to the development of the Society.

In 2015 the EMS Technology Achievement Award was launched with the first recipients expected to be honoured in 2016.

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 2015, the EMS made eight Young Scientist Travel Awards for participation in four events. These have supported young scientists from seven countries: Croatia (1), Germany (1), Greece (1), Hungary (1), Turkey (1), Spain (2), and Switzerland (1). Reports provided by award recipients are available at <http://www.emetsoc.org/awards/travel-awards/>

33rd International Conference on Alpine Meteorology,
31 August - 04 September 2015, Innsbruck, Austria:

- **Goran Gašparac**, Gekom Ltd./University of Zagreb, Croatia
Parameterization of NWP WRF in statically stable situations over complex terrain.
- **Mireia Udina**, University of Barcelona, Spain
Mountain waves over the Pyrenees: real and ideal simulations using the WRF model.

ECMWF Annual Seminar,

01 - 04 September 2015, Reading, UK

- **Luisa Ickes**, ETH Zurich, Switzerland

2015 EUMETSAT Meteorological Satellite Conference,
21 - 25 September 2015, Toulouse, France

- **Kathrin Folger**, Ludwig-Maximilians University, Munich, Germany
Lidar-based height correction of atmospheric motion vectors for data assimilation.

15th EMS Annual Meeting and 12th ECAM,
07 - 11 September 2015, Sofia, Bulgaria

- **Anastasia Blea**, National and Kapodistrian University of Athens, Greece
Present and Future Human Thermal Bioclimatic Conditions and Impacts on Cardiovascular Admissions in Crete Island, Greece.
- **Hajnalka Breuer**, Eötvös Loránd University, Hungary
Numerical study on sensitivity of convective precipitation to cumulus convection parametrization and initial soil moisture content at 5 km horizontal resolution.
- **Markel García Díez**, Catalan Institute of Climate Sciences, Spain
A study of the Urban Heat Island of Barcelona using a fast urban climate model.
- **Burak Öztaner**, Istanbul Technical University, Turkey
Impact of Land-Use Types and Urban Canopy Structure on Urban Heat Island via High Resolution WRF Modeling: Istanbul Case Study.

EMS Silver Medal

The recipient of the EMS Silver Medal 2015 is *Anton Eliassen*, Norway. He was honoured for his scientific contribution to environmental meteorology, his outstanding service to the European and international meteorological community that was e.g. central for the success of the Convention on Long-Range Trans-boundary Air Pollution, and his major role in increasing and enhancing the public understanding of meteorological information through his effort to make meteorological data freely available.

The laudatio was given by *Alain Ratier*, Director-General of EUMETSAT. Anton Eliassen gave a Silver Medal Lecture entitled

- *Meteorology and Society: Air pollution, weather forecasting and free data.*

The video of Anton Eliassen's lecture is accessible on > YouTube.

EMS Outstanding Contribution Award

The first recipient of the new EMS Outstanding Contribution Award is *Tanja Cegnar*, chair of the EMS Media Team. She was honoured for her relentless pursuit of the Media and Communication activities of the Society, continuously contributing to their growth and promoting with exceptional dedication the international networking of Broadcast Meteorologists, developing the Media and Communication session programme at Annual Meetings as a forum for exchange and communication, as well as instigating communication and public presentation training for scientists.

Young Scientist Award

The Young Scientist Award 2015 was presented to *Miguel Potes* from the Evora University, Portugal, for his publication: "Satellite remote sensing of water turbidity in Alqueva reservoir and implications on lake modelling", M. Potes, M. J. Costa and R. Salgado; *Hydrol. Earth Syst. Sci.*, 16, 1623–1633, 2012.

Miguel Potes gave a Young Scientist Award Lecture on his work at the EMS Annual Meeting in Sofia: *How lakes influence the local atmospheric circulation.*

Award presentations

The presentation of all awards (without Journalist Award) took place during the Awards Session at the EMS & ECAM in Sofia on 08 September 2015; the Stream can be viewed on the EMS YouTube Channel.

Award Presentations at the
EMS Annual Meeting



Anton Eliassen accepting the Silver Medal from Horst Böttger (above) and giving the Silver Medal Lecture.



Tanja Cegnar receiving the award certificate from the EMS President



Miguel Potes receiving the award trophy from the EMS President



Award trophies and certificates

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. 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 2015 was presented to the UK Festival of Weather, Arts and Music



(WAM). Founded in 2012 by Pierrette Thomet Stott, WAM has found new ways to communicate the beauty and fascination of meteorology thereby enhancing the understanding of weather and climate science by the general

public in the United Kingdom. This outstanding initiative has broadened the reach of scientific meteorology, enabled the general public to engage with meteorology in novel ways and enhanced many people's appreciation of its effects on our lives and the challenges involved in forecasting it.

The list of innovative approaches combining arts and meteorology is long.

Two more projects received honourable mentions:

- An innovative and well-presented video on the application of the Global Navigation Satellite Systems (GNSS) for atmospheric remote sensing, with clear explanations and nice illustration, developed at the Department of Meteorology and Geophysics at Sofia University > [Link to the video](#)
- The *We Are Water Foundation* is focused on raising awareness for the world's water problem. The foundation has a broad outreach: It provides a wealth of information on its website that is well presented and relevant. It produces short videos and documentaries about water shortage, water pollution, inequality in the world, which serve to instigate debate and to focus discussion: www.wearewater.org/en/

TV WEATHER FORECAST AWARD 2015



19 video clips of TV weather forecasts were submitted for the Award, ten of the entries were received from countries outside of Europe.

The selection committee choose the forecast produced by Martín Barreiro (Spain) to receive the award.

Citation: *The entry went beyond a "normal" weathercast, as it included information about the ocean and red tides. There was also a good scientific explanation of the link between meteorological conditions affecting wave heights and strengths on the western coast of Spain. His presentation of weather conditions was poised, confident, and thorough.*

The forecast can be viewed > [online](#).

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

- Monica Lopez, Television Española (Spain)
- Desislava Banova, Nova Broadcasting Group (Bulgaria)
- Kenyena Mollen, Uganda National Meteorological Authority

All four forecasts were shown as examples of good practice during the Media Session in Sofia.

JOURNALIST AWARD 2015

The EMS Journalist 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 award is given biennially.

For the EMS Journalist Award 2015 Stéphane Foucart, France, was selected. Stéphane Foucart regularly publishes articles on the environment and climate change in the *Planet* section of *Le Monde*.

In his articles, he addresses climate change and its social and environment impact, highlighting the different aspects (e.g. in the context of history and politics) and reporting the recent scientific facts, while keeping a high level of objectiveness. He is vigilant to detect and expose misleading information about climate change and he is reporting in an understandable way the scientific facts about the environment, the climate as well as climate change in the context of politics.

Council and General Assembly 2015

The EMS Council met on 06 September 2015 in Sofia for its 33rd Session; the 17th General Assembly convened on the same day, following the meeting of the Council.

Council decisions

ELECTION OF EMS VICE-PRESIDENT AND TREASURER

- Due to a change of representation of the RMetS, UK, Bob Riddaway stepped down as Vice-President, an office he had held and filled with large enthusiasm since 2008. The Council elected Jean-Pierre Chalon (Météo et Climat, France) as new Vice-President of the EMS for a three year term until 2018.
- Jean-Pierre Chalon consequently stepped down as Treasurer; Council elected K. Heinke Schlünzen (DMG, Germany) as Treasurer for a three-year term until 2018.



NEW EMS MEMBER SOCIETY

The EMS Council has accepted the application of the Associació Catalana de Meteorologia, Spain (ACAM).

VENUE FOR THE EMS ANNUAL MEETING 2018

The EMS Council agreed to hold the 2018 EMS Annual Meeting at the Corvinus University in Budapest, 03 – 07 September 2018.

AWARDS

In order to launch the new EMS Technology Achievement Award Council approved

- the membership of the Selection Committee for a term of three years: Ben Dieterink (The Netherlands, chair), Robert Mureau (The Netherlands), Gerhard Steinhorst (Germany), Bernard Strauss (France) and Isabella Weger (Austria/UK), and
- Terms of Reference for the Technology Achievement Award.

Council approved an Agreement between the EMS and the Tromp Foundation on the *EMS Tromp Award*.

MEMBERS OF COMMITTEES

The EMS Council renewed the terms of members to the Committee on Meetings and the Awards Committee:

- The term of Renate Hagedorn (Germany) and Ewen McCallum (UK) on the CoM were renewed until autumn 2018.

- The term of all Awards Committee members was renewed until autumn 2018: Guðrún Nína Petersen (Iceland; chair), Mojca Dolinar (Slovenia), Jenni Rauhala (Finland), Fulvio Stel (Italy), Jean-Noël Thépaut (ECMWF), Carlos Yagüe (Spain).

OTHER DECISIONS

The Council also made the following decisions:

- Approved the EPM16 Pre-selection committee
- Disbanded the development of the ECTOM2 Database as an EMS Project.
- Agreed regulations about the treatment of non-selected nomination for the Silver Medal, Broadcast Meteorologist Award, Outstanding Contribution Award and Technology Achievement Award

General Assembly

COUNCIL ELECTIONS

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

- Extend the term of the ČMeS, Czech Republic, represented by Tómaš Halenka, and Luís Pessanha, APMG Portugal, by one year until 2016.
- Elect the following Societies as Member of the EMS Council for the term until 2018: Österreichische Gesellschaft für Meteorologie (ÖGM), represented by Fritz Neuwirth, and Svenska Meteorologisk Skällskap (SMS), represented by Svante Bodin.

Details at <http://www.emetsoc.org/about-ems/council/council-composition/>.

The President Horst Böttger expressed great gratitude to the outgoing Members, Sylvain Joffre as representative of GS, Finland, and Joanna Wibig as representative of PTG-Meteorological Section, Poland, for their commitment to the EMS and the important contributions they have made to the work of the EMS Council.

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 2015

The balance as at 31 December 2015 has increased by 10 592.30€ as compared to 31 December 2014.

Summary Statement of Financial Activities for the Year 2015:

All financial figures are given in Euro.

	2015	2014
INCOME		
Income Societies Membership Fees	19 685.91 ^a	18 954.79
Income Associate Membership Fees	39 000.00 ^b	37 000.00
Annual Meeting license fee	49 665.80	23 032.88
Other	3 476.60 ^c	2 612.30
Interest	117.20	351.68
TOTAL INCOME	111 994.61	81 951.65
EXPENDITURE		
Salaries (incl. expenses for employer)	76 352.78	74 060.97
Committees and Project Teams	237.37	100.00
Awards	5 416.58	13 014.57
Workshops	0.00	500.00
Publications	85.62	989.23
Honoraries, Fees, Insurances	4 412.88	4 209.73
Travelling	9 779.61	9 301.23
Banking charges	25.20	39.90
Office costs	789.58	1 245.26
Other costs	45.66	114.08
VAT Other	1 766.20	-153.90
Support Members and topical meetings	0.00	0.00
TOTAL EXPENDITURE	98 911.48	103 574.97
INCOME – EXPENDITURE	13 033.13	- 21 623.32
Payments on fixed assets	- 2 440.83	- 2 366.67
ACCOUNT BALANCE 1 JANUARY	119 291.47	143 281.46
ACCOUNT BALANCE 31 DECEMBER	129 883.77	119 291.47

a. Membership Fee 2015: includes Fees 2014: 157.86€

b. Associate Membership Fee 2015: includes Fees 2014: 1 000.00€

b. Other income: tax on license fee Annual Meeting 2015: 1 612.30€

Audit The financial accounts have been audited on 20 July 2016 by the auditor appointed by the EMS General Assembly 2015. The auditor's report is submitted to the EMS General Assembly 2016.

Auditors:

BSKP
Dr. Broll Schmitt
Kaufmann & Partner
Steuerberater –
Wirtschaftsprüfer –
Rechtsanwälte
Taubenstraße 20-22
10117 Berlin
Germany

COMMITTEE MEMBERSHIP**COMMITTEE ON MEETINGS**

Renate Hagedorn (Germany)
 Sylvain Joffre (Chair, Finland)
 Ewen McCallum (UK)
 Gert-Jan Steeneveld
 (The Netherlands)
 Saskia Willemse (Switzerland)
 Martina Junge (EMS)

AWARDS COMMITTEE

Guðrún Nína Petersen (Chair,
 Iceland)
 Mojca Dolinar (Slovenia)
 Jean-Noël Thépaut (UK)
 Jenni Rauhala (Finland)
 Fulvio Stel (Italy)
 Carlos Yagüe (Spain)

EDITORIAL BOARD

Bob Riddaway (Chair, UK)
 Fritz Neuwirth (Austria)
 Claude Pastre (France)
 Emily Gleeson (Ireland)
 Hrvoje Bobinac (Croatia)
 Martina Junge (EMS)

CHAIR MEDIA TEAM

Tanja Cegnar (Slovenia)

CHAIR PROJECT TEAM EDUCATION

Tómaš Halenka
 (Czech Republic)

STAFF

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

*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:

BSKP

Dr. Broll Schmitt
 Kaufmann & Partner
 Steuerberater – Wirtschaftsprüfer –
 Rechtsanwälte
 Taubenstraße 20-22
 10117 Berlin
 Germany

Bank Account:

Deutsche Bank
 BIC/SWIFT DEUTDE33
 IBAN DE84100700240881777700

EMS COUNCIL

From 06 September 2015 the
 following Council held office:

PRESIDENT

Horst Böttger

VICE-PRESIDENT

Jean-Pierre Chalon

TREASURER

K. Heinke Schlünzen

PERMANENT MEMBERS OF COUNCIL

Jean-Pierre Chalon
 (Météo et Climat, France)
 Ewen McCallum (RMets, UK)
 K. Heinke Schlünzen (DMG, Germany)

ROTATING MEMBERS OF COUNCIL

Ekaterina Batchvarova
 (BMS, Bulgaria)
 Svante Bodin (SMS, Sweden)
 Renato R. Colucci (UMFVG, Italy)
 Tómaš Halenka (ČMeS, Czech Rep.)
 Fritz Neuwirth (ÖGM, Austria)
 Luís Pessanha (APMG, Portugal)

c/o Institut für Meteorologie
 Freie Universität Berlin
 Carl-Heinrich-Becker-Weg 6 – 10
 12165 Berlin
 Tel: +49 – 30 – 7970 8328
 e-mail: ems-sec@emetsoc.org
www.emetsoc.org

EMS MEMBER SOCIETIES 2015

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

AUSTRIA ÖSTERREICHISCHE GESELLSCHAFT FÜR METEOROLOGIE

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

BOSNIA AND HERZEGOVINA UDRUŽENJE METEOROLOGA U BOSNI I HERCEGOVINI

BULGARIA AVIOMETEOROLOGICAL CLUB OF BULGARIA BULGARIAN METEOROLOGICAL SOCIETY

CROATIA HRVATSKO METEOROLOŠKO DRUŠTVO

CYPRUS CYPRUS METEOROLOGICAL ASSOCIATION

CZECH REPUBLIC ČESKÁ METEOROLOGICKÁ SPOLEČNOST

DENMARK DANSK METEOROLOGISK SELSKAB

FINLAND GEOFYSSIKKOJEN LIITTO
GEOFYSIIKAN SEURA

FRANCE MÉTÉO ET CLIMAT - SOCIÉTÉ MÉTÉOROLOGIQUE DE FRANCE

FYROM METEO MAK

GERMANY DEUTSCHE METEOROLOGISCHE GESELLSCHAFT

GREECE ELLINIKI METEOROLOGIKI ETAIREIA

HUNGARY MAGYAR METEOROLÓGIAI TÁRSASÁG

ICELAND VEÐURFRÆÐIFÉLAGIÐ

ISRAEL ISRAEL METEOROLOGICAL SOCIETY

IRELAND IRISH METEOROLOGICAL SOCIETY

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

THE NETHERLANDS NEDERLANDSE VERENIGING TER BEVORDERING VAN DE METEOROLOGIE

NORWAY FORSKERFORBUNDETS METEOROLOGIFORENING

POLAND POLSKIE TOWARZYSTWO GEOFIZYCZNE – METEOROLOGICAL SECTION

PORTUGAL ASSOCIAÇÃO PORTUGUESA DE METEOROLOGIA E GEOFISICA

ROMANIA SOCIETATEA METEOROLOGICA ROMANA

SERBIA METEOROLOŠKO DRUŠTVO SRBIJE

SLOVAKIA SLOVENSKÁ METEOROLOGICKÁ SPOLEČNOST

SLOVENIA SLOVENSKO METEOROLOŠKO DRUŠTVO

SPAIN ASOCIACIÓN METEOROLOGICA ESPAÑOLA
ASOCIACIÓN ESPAÑOLA DE BIOMETEOROLOGÍA
ASSOCIACIÓ CATALANA DE METEOROLOGIA

SWEDEN SVENSKA METEOROLOGISKA SÄLLSKAPET

SWITZERLAND SCHWEIZERISCHE GESELLSCHAFT FÜR METEOROLOGIE

UNITED KINGDOM ROYAL METEOROLOGICAL SOCIETY

European Meteorological Society**EMS ASSOCIATE MEMBERS 2015
INTERNATIONAL ORGANIZATIONS**

ECMWF (READING, UNITED KINGDOM)
ESA (PARIS, FRANCE)
EUMETSAT (DARMSTADT, GERMANY)

NATIONAL®IONAL METEOROLOGICAL SERVICES

CZECH HYDROMETEOROLOGICAL INSTITUTE (CHI, CZECH REPUBLIC)

DEUTSCHER WETTERDIENST (DWD, GERMANY)

FINNISH METEOROLOGICAL INSTITUTE (FMI, FINLAND)

HUNGARIAN METEOROLOGICAL SERVICE (OMSZ, HUNGARY)

AGENCIA ESTATAL DE METEOROLOGÍA (AEMET, SPAIN)

KONINKLIJK NEDERLANDS METEOROLOGISCH INSTITUUT (KNMI, THE NETHERLANDS)

MÉTÉO-FRANCE (FRANCE)

MET OFFICE (UNITED KINGDOM)

METEO SWISS (SWITZERLAND)

NATIONAL METEOROLOGICAL ADMINISTRATION (NMA, ROMANIA)

NORWEGIAN METEOROLOGICAL INSTITUTE (MET.NO, NORWAY)

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

ROYAL METEOROLOGICAL INSTITUTE (RMI, BELGIUM)

SERVEI METEOROLÒGIC DE CATALUNYA (METEO.CAT, SPAIN)

SWEDISH METEOROLOGICAL AND HYDROLOGICAL INSTITUTE (SMHI, SWEDEN)

ZENTRALANSTALT FÜR METEOROLOGIE UND GEODYNAMIK (ZAMG, AUSTRIA)

COMPANIES

AZERBAIJAN AERONAVIGATIONS (AZERBAIJAN)

EPSONMETEO (ITALY)

INNOVATIVE SOLUTIONS FOR INSTRUMENTATION AND SCIENCE (FRANCE)

INSTITUTE FOR WEATHER & CLIMATE COMMUNICATION (GERMANY)

METEO CONSULT B.V. (THE NETHERLANDS)

MODEM (URY, FRANCE)

SAAB AEROTECH (SWEDEN)

SELEX SYSTEMS INTEGRATIONS GMBH (GERMANY)

VAISALA (FINLAND)

VCS ENGINEERING (GERMANY)

RESEARCH AND EDUCATIONAL INSTITUTES

DEPARTMENT OF HYDROLOGY AND CLIMATOLOGY OF VILNIUS UNIVERSITY (LITHUANIA)

ACADEMIC ASSOCIATION IN HYDROMETEORLOGY (AAH, RUSSIAN FEDERATION)