

## Media Awards 2010

The EMS aims to highlight examples of **Best Practice** on communication to the general public through the following Media Awards:

► **The EMS Broadcast Meteorologist Award**

The Award honours life achievement of an outstanding broadcast meteorologist.

► **The EMS Outreach & Communication Award**

The Award highlights projects that explore new and effective ways to communicate the science of meteorology, climatology and related fields to the general public.

► **The EMS TV Weather Forecast Award**

TV Weather Forecasts will be highlighted on the EMS Internet site as example of good practice in broadcast meteorology.

All Awards will be presented during the Media Session at the EMS Annual Meeting & ECAC in Zürich.

**Deadline for nominations:**

**30 June 2010**

Announcements, including nomination procedures, are accessible from [emetsoc.org/awards/awards.php](http://emetsoc.org/awards/awards.php)



Imprint:

The ems-message is published by the European Meteorological Society four times each year. Contributions are welcome at: [publications@emetsoc.org](mailto:publications@emetsoc.org).

## Young Scientist Travel Awards

- For the **10th EMS Annual Meeting & 8th ECAC**, 13–17 September 2010, Zürich, Switzerland, 10 YSTAs and the Kipp & Zonen Award are announced.
- Deadline for YSTAs and the Kipp & Zonen Award:**  
**09 April 2010**

More Information at:

[meetings.copernicus.org/ems2010/awards\\_and\\_waivers.html](http://meetings.copernicus.org/ems2010/awards_and_waivers.html)

- **14th Conference on Mountain Meteorology**

30 August–3 September 2010, Lake Tahoe Vicinity, CA, USA

**Deadline: 30 April 2010**

- **6th European Conference on Radar in Meteorology and Hydrology (ERAD)**

6–10 September 2010, Sibiu, Romania

**Deadline: 30 April 2010**

More Information at

[emetsoc.org/awards/awards.php](http://emetsoc.org/awards/awards.php)

## Young Scientist Award 2010

The EMS Young Scientist Award is presented annually to acknowledge excellence in young scientists. The award is endowed with a prize money of 1000€ and a trophy.

EMS Member organisations are asked to nominate candidates.

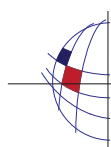
Details on eligibility and nomination procedures are available at [emetsoc.org/awards/awards.php](http://emetsoc.org/awards/awards.php).

Deadline for nominations:

**30 June 2010.**

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High resolution climatology  
- towards climate change services

# EMS & ECAC 2010: Call for Papers

### Abstract Submission

[meetingorganizer.copernicus.org/ems2010/sessionprogramme](http://meetingorganizer.copernicus.org/ems2010/sessionprogramme)

Submission of abstracts with support applications

09 April 2010

Submission of abstracts

30 April 2010

Details on the session programme on page 7

# Europhotmeteo'09

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

► **EPM'09 Winning Photo**

*Dawning Mist* by Anthony Byrne, Ireland



► **EPM'09 2nd-ranked Photo**

*Supercell II* by Antonio Carramiñana Calzada, Spain



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

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

► **EPM'09 3rd-ranked Photo:**

*The End* by Tony Le Bastard, France



► **EPM'09 3rd-ranked Photo:**

*Prahova Double Rainbow* by Ioan Rizea, Romania



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

► **EPM'09 5th-ranked Photo:**

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



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

## News from EMS Members

### ► 80th Anniversary of the Department of Hydrology and Climatology of Vilnius university

The department was established at Vytautas Magnus University and based in the town of Kaunas in 1930 as Department of Geophysics and Meteorology. Prof. K. Slezevicius was appointed as its first head. In 1944, the Department was relocated to the Faculty of Natural Sciences of Vilnius University, now under the name Department of Hydrology and Climatology.

The department offers undergraduate studies (four-year programme of hydrology and meteorology) and graduate studies for both M.Sc. and Ph.D. degrees. Each year 25 new students are admitted to the undergraduate studies, 10 to graduate (M.Sc.) studies, and one or two as PhD students. Major areas of research include: meteorology and climatology, surface hydrology (limnology), and oceanography. Since 1930, more than 600 students have graduated in meteorology and hydrology.

### ► New director of AEMet

On 1 March 2010, Ricardo García-Herrera was appointed director of the Spanish Agencia Estatal de Meteorología (AEMet).

He holds a PhD in Physical Science and is a graduate in general management. As a professor at the Complutense University of Madrid, he is a specialist in climatology and data rescue, with emphasis on climate variability and its impact on public health.

Dr García-Herrera has published more than 80 papers and several books and co-ordinated several research projects. In addition, he was one of the contributors to the fourth IPCC report and he represented Spain in some

international programmes. He has also been active as session convenor at recent EMS Annual Meetings, ECAC and ECAM conferences.

Besides his academic and research activities, Dr García-Herrera held positions related to public health in different regional governments.

### ► President of the Unione Meteorologia del Friuli, Venezia e Giulia

Renato Colucci is the President of the Unione Meteorologia del Friuli, Venezia e Giulia. He graduated in



Geological Sciences at the University of Trieste, and now works at the National Research Council in Trieste (CNR) where he manages the meteo-marine network of the Institute for Marine Sciences. He has also been Director of Karstic Climatological Observatory of Borgo Grotta Gigante on behalf of the CAI since 1996.

Renato Colucci has been keen on climatology since he was a boy and owns an uninterrupted personal archive on climate data starting from 1982.

As a member of the "Unione Meteorologica del Friuli Venezia Giulia" since its foundation, he has always been an advisor to its management group. Also Renato Colucci contributed to the organization of all meetings, round tables and many conferences.

He delivers lectures on climatology and meteorology at CAI departments in Friuli Venezia Giulia and didactic seminars at the „Master in Science Communication“ organized by SISSA (International School for Advanced Studies).

In 2006 he became a member of the editorial board of "Metereologica", the magazine of the association.

### ► Meteo Mak

Meteo Mak is the association of meteorologists in the Republic of Macedonia. With 24 members it is a very small society, almost without finance. Thus the activities are very limited. MeteoMak has contacts with the schools, and from time to time contributions on TV and radio.

The main activity is contributing to the organization of the biennial BALWOIS Conference - *Balkan Water Observation and Information System for Decision Support*, held in Ohrid, Republic of Macedonia, in the last week of May.

The conference in 2010 will take place 25 – 29 May 2010, with the following topics:

- Climate and Hydrology
- Environment and Human Activities
- Water Related Risks
- Integrated Water Resources Management
- Ecohydrology
- Computing and Technologies

[www.balwois.com/2010](http://www.balwois.com/2010)

760 abstract from more than 60 countries were received. Abstracts of the preceding BALWOIS conferences (2004, 2006,) as well as all full papers and ppt-presentations are online available at:

[www.balwois.com/balwois/info\\_sys/publication2010.php](http://www.balwois.com/balwois/info_sys/publication2010.php)

### ► ECMWF Corporate Video

An ECMWF corporate video is available on the web in three languages: English, French and German. [www.ecmwf.int/about/video](http://www.ecmwf.int/about/video).

The video aims at raising awareness about ECMWF's objectives, the spectrum of its activities and its role within the meteorological community.

To subscribe to the ems-message register at

[emetsoc.org/publications/publications.php](http://emetsoc.org/publications/publications.php)

Link to the most recent issue at

[emetsoc.org/publications/ems-message.php](http://emetsoc.org/publications/ems-message.php)



## News

► **New Director of Met Eireann** Mr Liam Campbell has recently been appointed as Director of the Irish Meteorological Service, Met Eireann, which is part of the Department of the Environment, Heritage and Local Government. It is the leading provider of weather information and related services for Ireland.

[www.met.ie](http://www.met.ie)

► **Rossby Prize to Tim Palmer**

On 20 January, Dr. Tim Palmer (ECMWF) was awarded the 2010 Rossby Prize at the 90th Annual Meeting of the American Meteorological Society.

The Carl-Gustaf Rossby Research Medal is presented to an individual on the basis of outstanding contributions to the understanding of the structure or behaviour of the atmosphere. The medal represents the highest honour the AMS can bestow upon an atmospheric scientist.

In his acceptance speech, Dr. Palmer acknowledged that this award was in recognition of research conducted jointly with colleagues at ECMWF over almost a quarter of a century.

► **Status of the global climate**

The World Meteorological Organization (WMO) has published the statement on the status of the global climate in 2009:

[www.wmo.int/pages/publications/showcase/index\\_en.html](http://www.wmo.int/pages/publications/showcase/index_en.html)

The current nominal ranking of 2009 places it as the fifth-warmest year on record since the beginning of instrumental climate records in 1850, according to data sources compiled by WMO. The decade of the 2000s (2000–2009) was warmer than the decade of the 1990s (1990–1999), which in turn was warmer than the 1980s (1980–1989).

► **Met Office proposes to deliver new global temperature dataset**

The Met Office on behalf of the United Kingdom has proposed to the WMO a programme to deliver a new global temperature dataset.

This initiative will not replace the current temperature datasets, but will augment existing records, and involve work across the international meteorological community.

The proposed dataset will provide information on changing extremes and regional variability as well as informing decisions on adapting to climate change, something existing datasets don't provide.

► **High-level Taskforce towards the Global Framework for Climate Services**

Following the statement of the World Climate Conference–3 in 2009, a High-level Taskforce (HLT) was established that will have to develop a Global Framework for Climate Services (GFCS).

A first meeting of the HLT was held in Geneva on 25–26 February 2010, a second meeting is planned for 24–26 May 2010.

Information on membership, implementation plan and reports are available at

[www.wmo.int/hlt-gfcs/index\\_en.html](http://www.wmo.int/hlt-gfcs/index_en.html)

## Agenda

► **Deadline for submissions to the *ems-message* No. 9:**

17 May 2010

► **23rd EMS Council**

12 September 2010

Zürich, Switzerland

► **12th EMS General Assembly**

12 September 2010

Zürich, Switzerland

## Jobs

► **Exeter Climate Systems Research Centre and Willis Re**

NERC CASE PhD Studentship in climate science and statistics: Trends in extreme extratropical cyclones and non-indemnity insurance risk

**Closing Date: 30 April 2010**

► **University of Leeds**

Research Fellow in Air-Sea Interaction

**Closing Date: 30 April 2010**

► **Swedish Meteorological and Hydrological Institute**

Scientist in high resolution data assimilation

**Closing Date: 26 April 2010**

► **ECMWF vacancy**

Software Analyst in the Networking and Computer Security Section

**Closing Date: 22 April 2010**

► **University of Copenhagen**

Post Doc and PhD vacancy Satellite remote sensing of evapotranspiration and soil moisture conditions

**Closing: noon, 15 April 2010**

► **Meteorological Institute of Castilla-La Mancha Region**

Postdoctoral Scientist in Remote Sensing of precipitation.

**Closing Date: 15 April 2010**

► **University of Edinburgh, School of GeoSciences**

Postdoctoral Research Associate in BVOC Emissions

**Closing Date: 15 April 2010**

► **ECMWF vacancy**

Consultant (Scientist) to work on the NERC-funded project „VALOR“

**Closing Date: 09 April 2010**

Links and more job postings are available >>> [www.emetsoc.org/news\\_meetings/jobs.php](http://www.emetsoc.org/news_meetings/jobs.php)

As the name implies, the Earth Science Women's Network (ESWN) is a peer-mentoring network of women in the Earth Sciences, most of whom are in the early stages of their careers. Its mission is to promote career development, build community, provide informal mentoring and support, and facilitate professional collaborations.

The network informally took shape in 2002, at a meeting of the American Geophysical Union (AGU). Its membership has grown through "word of mouth". Currently ESWN has almost 1,000 members spanning at least 19 different countries.

Through ESWN's online activities, its members establish connections for peer-mentoring and scientific collaboration, share job announcements, discuss professional life, find room mates for meetings, and organize get-togethers at conferences.

These activities are facilitated through a webpage, a discussion board, an active emailing list, and a regular newsletter (see past editions on [www.eswnonline.org](http://www.eswnonline.org)). ESWN has also launched a job-search mailing list, open to all members of the geosciences community.

In September 2009, ESWN was awarded a National Science Foundation ADVANCE program PAID grant (Partnership in Adaptation, Implementation and Dissemination). The overarching goal in applying for this funding was to help make ESWN sustainable for the fo-

reseeable future. This funding will support the following initiatives over four years:

- Continue to grow ESWN and increase the diversity of the membership.
- Create a web centre with a searchable database of ESWN membership.
- Arrange career development workshops with the first to take place in 2010–2011 in Madison.
- Professional networking events at major scientific conferences

Due to its history the main focus of activities so far has been North America. One of ESWN's current aims is to improve the value of ESWN for members around Europe and elsewhere by raising ESWN's visibility and attracting new members especially from European countries.

For further information or how to join, feel free to contact Amélie Kirchgäßner at [amelie.kirchgaessner\\_at\\_bas.ac.uk](mailto:amelie.kirchgaessner_at_bas.ac.uk)

... or join **ESWN at EGU:**

EGU, Vienna. Monday, 03 May 2010, Room D, 15:30h. Town Hall Meeting: Women in Geosciences and '**What can EGU do for Women Geoscientists?**' Join members of ESWN at a reception after-wards for an opportunity to network and learn more about ESWN!



## Publications

### ► CD of Media Session at EMS & ECAM 2009

A CD with contributions and video clips submitted for the TV Weather Forecast Award 2009 is available.

Participants of the EMS & ECAC 2010 will find a copy in their conference material. If you would like to receive an additional copy contact Tanja Cegnar, Environmental Agency of Slovenia, Vojkova 1/b, SI-1000 Ljubljana, Slovenia, or at [Tanja.Cegnar\\_at\\_gov.si](mailto:Tanja.Cegnar_at_gov.si).

### ► COP15 web casts

Webcasts of plenary sessions, press conferences and side meetings of the COP15 in Copenhagen are available at [webcast.cop15.dk](http://webcast.cop15.dk).

### ► Open Access journal History of Geo- and Space Sciences

A new Open Access journal History of Geo- and Space Sciences (HGSS), published by Copernicus Publications, has been launched.

HGSS focuses on original historical research, including new interpretations of historical material, facts and established knowledge. HGSS aims to improve and accelerate communication between scientists working in and interested in hi-

storical aspects of Geo- and Space Sciences.

Further information on HGSS is available at: [www.history-of-geo-and-space-sciences.net](http://www.history-of-geo-and-space-sciences.net).

For the time being, HGSS is an outreach activity of Copernicus Publications and the service charges for publishing in this Open Access journal are waived.

### ► The Polish Climate in the European Context

An historical overview, which gives a synthesis of climate changes in Poland in the last centuries has been published:

[springerlink.com/content/n94666](http://springerlink.com/content/n94666)

### **COST: an efficient instrument for coordinating, enhancing and structuring meteorological R&D and infrastructures in Europe**



COST is the oldest European cooperation framework for research and development (R&D), set up in 1971 at the initiative of the Council of the European Communities, more than 10 years before the first EC Framework Programme (FP). COST does not fund the research but the networking of nationally-funded R&D projects, thereby establishing, structuring and deepening network of networks of national activities.

The COST budget comes from the EC FP but has its strategic authority within the COST Committee of Senior Officials (CSO) under the EU Council to implement its pan-European intergovernmental ethos to support the broader European R&D cooperation and coordination.

A „COST-Action“ is a multi-year European Concerted Research Action based on a Memorandum of Understanding (MoU) involving at least 5 countries, but with on average participation from over 20 countries. COST has no pre-determined R&D priorities, topics are free and based on bottom-up initiatives from the scientific community. Such assets have often been used for testing and exploring emerging topics or for paving the way for Community activities. COST Actions last four years with a budget of about 100,000 Euro a year.

COST aims at promoting and coordinating pre-competitive applied and basic research in areas of interest to research institutes, universities, society in general and industries in Europe. The primary aim is not to create large jointly financed projects, but rather to concert the research activities of participating countries in specific fields and to solve scientific and technical problems by joining forces, thus optimising intra-European synergy.

Celebrating its 40th anniversary this year, COST currently comprises more than 240 Actions in 9 scientific domains, involving some 35 000 participating scientists from 35 European COST Member countries. COST represents an estimated volume of national funding of about 2 billion euros per year. Scientists from any non-COST countries (e.g. Russia, USA, Canada, China) can participate to COST Actions on the basis of mutual benefits principle.

Since the start there has been a close and successful interactions between COST and the meteorological community with a dedicated COST Committee for Mete-

orology (and oceanography) and one of the first COST Action (1971-73) led to the creation of ECMWF (European Centre for Medium-range Weather Forecasts). Several Actions have been effective in the development and harmonisation of pan-European monitoring networks or services (e.g., weather radar, wind profilers, GPS, phenology, UV index, bioclimatic thermal index, ocean buoys, carbon-fluxes). They also developed measuring protocols and data exchange standards.

The close interactions of COST with WMO often led to their acceptance or use as global ones. Furthermore, several COST Actions have had a follow-up as a EUMETNET programme, thus ensuring the transfer of R&D results into operational activities. There are also close interactions between COST and EMS with many sessions organised or sponsored by specific COST Actions since the earliest EMS Annual Conferences.

Since 2003, a reform in the COST structure embedded meteorology and related sciences into the ESSEM Domain (Earth System Science & Environmental Management). ESSEM has currently 28 ongoing Actions covering the various disciplines of Earth system sciences with several (approx. 17) addressing atmosphere-related topics. In addition, some meteorology or atmospheric sciences issues such as winter road weather, land cover greenhouse gases budget have been selected under some of the 9 other COST Domains: TUD (Transport & Urban development), FPS (Forestry Products & Services) or FA (Food & Agriculture).

New COST Actions are selected through an open call with two collection dates per year. The evaluation of proposals is performed through a two-stage procedure: first a pre-selection of outline proposals, with about 15-20% invited to present a full proposal to be assessed by an external panel. On average three new Actions are accepted at each collecting date.

More information on COST can be obtained at the COST website: [www.cost.esf.org](http://www.cost.esf.org), or the current chairman of the ESSEM Domain: [sylvain.joffre@fmi.fi](mailto:sylvain.joffre@fmi.fi).

## Monitoring for a reference climate and monitoring change

- MC1* – Monitoring of the climate system
- MC2* – Data rescue, management, quality and homogenization
- MC3/AW13* – Data mapping, spatial interpolation and GIS modelling, reference climatologies

## Understanding processes and climate change

- UC1* – Climate change assessments of trends, variability and extremes, impact studies
- UC2* – Climate modeling, climate prediction and scenarios from seasons to century
- UC3* – Synoptic climatology
- UC4* – Historical and paleoclimatic reconstructions based on historical instrumental observations and proxy evidence

## Services translating science to users

- SE1* – Standardized – ready to use – applications
- SE2* – User tailored – custom made – applications



## Communication & Education

- CE1* – Adaptation strategies
- CE2* – Media and communication
- CE3* – Information in the context of decision making
- CE4* – Education in atmospheric sciences
- CE5* – Sharing knowledge at the age of internet

## Numerical Weather Prediction

- NWP1* – Dynamics and predictability of high impact weather
- NWP2* – Ensemble prediction systems
- NWP3* – Observation targeting and observation impact studies

\* Host country topical session: *NWP4/AW15* – Mountain meteorology

## Atmosphere and the Water Cycle

- AW1* – Dynamical meteorology
- AW2* – Operational oceanography
- AW3* – Formulation, validation and parametrization of small-scale processes in atmospheric modelling
- AW4* – Large scale air-sea and land-atmosphere interaction processes and their influence on the European and Mediterranean climate
- AW5* – Space forcing of the Earth's and planets' climate
- AW6* – Atmospheric measurements from local to regional scale: A data source for climate studies and model validation
- AW7* – Atmospheric hazards
- AW8* – Boundary-layer physics and parametrizations in weather and climate models
- AW9* – Interfacing hydrological and meteorological models in forecasting systems
- AW10* – Air-sea interactions and coastal meteorology
- AW11* – Environmental meteorology
- AW12* – Phenology and agrometeorology
- AW14* – Wind and solar energy meteorology