



Media Workshop for scientists

Communication Skills Workshop

The EMS and the Environmental Agency of Slovenia are jointly organising a workshop for climatologists who occasionally interact with the media.

29–30 January 2010, Ljubljana, Slovenia.

The Agenda includes

- non-verbal communication
- use of the voice
- radio interviews
- TV statements
- press conferences.

To register:

workshop@emetsoc.org

Deadline: **15 January 2010**

The number of participants is restricted to 20, so places will be reserved on a first come first served basis.

More details are available at www.emetsoc.org

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Award Announcements

► EUMETSAT Meteorological Satellite Conference 2010

Three Young Scientist Travel Awards, jointly funded by EUMETSAT and the EMS, are available for graduate and pre-phD scientists.

Deadline: **29 January 2010**

emetsoc.org/awards/documents/EUMETSAT_SatConf_2010_YSTA.pdf.

► Europhotometeo '2009

The EMS has announced the Photography Competition **EUROPHOTOMETEO'2009**.

Terms & conditions:

emetsoc.org/awards/documents/EMS_EUROPHOTOMETEO_announcement.pdf.

Submissions and inquiries:

europhotometeo@emetsoc.org

Deadline: **31 January 2010** .

► EMS Silver Medal 2010

This award is presented annually to a person who has made distinguished contributions to the development of meteorology in Europe. EMS Member Societies and EMS Associate Members are invited to make nominations for the EMS Silver Medal 2010. Nominations must be accompanied by the following information about the nominee:

- Short curriculum vitae
- Statement about achievements and contributions to the development of meteorology in Europe.

Nominations must be sent in electronic form to

awardapplication@emetsoc.org

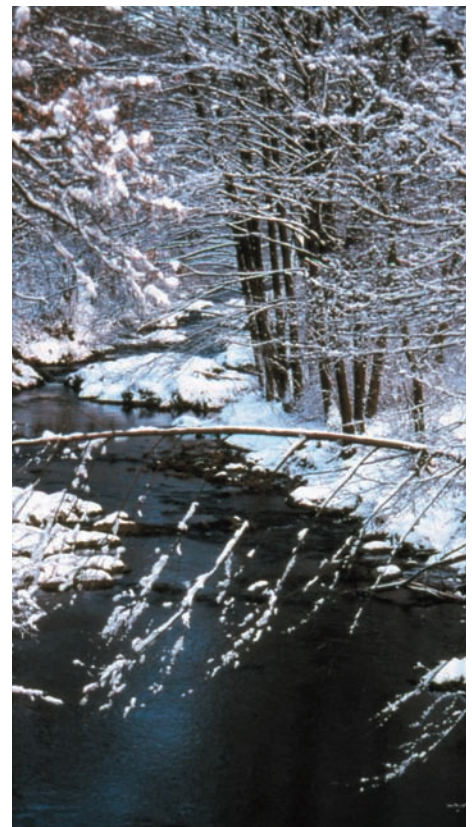
Deadline: **28 January 2010**.

► 5th Earth Observation Summer School

Three Young Scientist Poster Awards are announced.

emetsoc.org/awards/documents/EMS_YSTA_EO-SummerSchool_2010.pdf

BEST WISHES FOR CHRISTMAS AND THE NEW YEAR FROM THE EMS.



Imprint:

The ems-message is published by the European Meteorological Society (EMS) four times each year. Contributions are very welcome: please send any material to publications@emetsoc.org.

Inside EMS

► EMS Council

The 11th EMS General Assembly, 27 September 2009, has elected **Matthias Mohr** to represent the



Norwegian Association of Meteorologists (NMF) on the EMS Council. Matthias studied meteorology at the

University of Karlsruhe. In 1995, he received a bilateral scholarship from the German Academic Exchange Service and the Swedish Institute.

After graduating, he spent one year in Longyearbyen, Spitsbergen, at the University Centre in Svalbard. From 1998 to 2003, he was a PhD-student at Uppsala University, Sweden, working on mesoscale modeling of atmospheric flow in complex terrain. In 2003, Matthias moved to Glasgow, Scotland, where he worked at Renewable Energy Systems Ltd.

Since 2007 he has been at the Norwegian Meteorological Institute, focussing on statistical downscaling of observations over the very complex terrain of Norway (see seNorge.no).

His ideas about EMS initiatives are: i) Stronger involvement of wind and solar energy sector, private weather forecast providers and manufacturers of meteorological instruments in EMS activities.

ii) Stronger involvement of the forecasting community in EMS conferences

iii) Support for small Member Societies to enable their more active participation in the EMS Council and General Assembly.

The EMS Council has elected **Rolf Philipona** as a Vice-President. He now joins Fritz Neuwirth (President, Austria), Gerhard Steinhorst (Treasurer, Germany) and Bob Riddaway (Vice President, UK) as members of the Bureau.

Rolf is an experimental physicist who specialized in radiation measurements and worked for many years in climate change research at the World Radiation Center at Davos, Switzerland. He is now with Météo Swiss at the aerological station



at Payerne working on scientific evaluations of upper-air measurements.

His main interest is in atmospheric changes and

their impact on radiation and the greenhouse effect. He is also a lecturer at the Institute for Atmospheric and Climate Sciences at the Swiss Federal Institute of Technology ETH at Zurich.

Rolf is representing the Schweizerische Gesellschaft für Meteorology on the EMS Council for 2008–2010. He is also a member of the Policy Advisory and Development Group.

► New EMS Associate Member

The private service provider AWS Convergence Technologies, Inc., also known as WeatherBug Professional, Germantown, MD, USA, has joined the EMS as its 30th Associate Member. WeatherBug offers information services and products for businesses, utilities, schools and government agencies on weather conditions, visualization and early warnings.

www.weatherbugprofessional.com

► New Chair of PADG

Claude Pastre has represented the Société Météorologie de France

(SMF) on the EMS Council for the last three years, and has chaired the Policy Advisory and Development Group (PADG) in its first year. He is now retiring from both these responsibilities. The EMS Council has appointed Bob Riddaway (RMetS, UK) as new chair of the PADG. Manuel Palomares (AME, Spain) has joined the PADG as a new member.

► Committee on Meetings (CoM)

The EMS Council has appointed Zoltan Dunkel (MMT, Hungary) as new member of the CoM.

emetsoc.org/organisation/meetings.php

► 11th EMS General Assembly

The 11th EMS General Assembly was held on 27 September 2009 in Toulouse. Representatives of 18 Member Societies attended the meeting along with representatives of two Associate Members. There was discussion about initiatives concerning education, media, communication and professional practices, as well as reports about activities of Members Societies. It was stressed that regular information from Members is essential for keeping the community informed about activities and developments, thus communication contact points should be identified.

► IFMS Global Meeting One

The first global meeting of the International Forum of Meteorological Societies (IFMS) will take place 19–20 January 2010 in Atlanta and be hosted by the AMS. The EMS will be represented by the EMS President Fritz Neuwirth.

The fundamental goal of the IFMS is to foster and encourage communication and exchange of knowledge, ideas and resources among the world's more than sixty meteorological societies.

www.ifms.org/meeting.html

News from EMS Members

► New President of Croatian Meteorological Society

After graduating in engineering physics Amela Jeričević obtained an MSc degree from the University of Zagreb, based on an investigation of urban effects on turbulence processes and the atmospheric boundary layer height in an urban area.



Amela was an investigator in an international EMEP4HR project and worked on the development of the EMEP (European Monitoring and Evaluation Programme) model. Since 2001 she has been working at the Meteorological and Hydrological Service of Croatia and presently she is a head of the Air Quality Research and Application Department.

Her main activities involve cooperation in several domestic and international scientific projects and occasionally teaching at the Department of Geophysics at the University of Zagreb. As a vice president of the HARMO12 organizing committee, she led the organization of the international conference on air quality modeling practice. She is a member of the HARMO13 scientific committee as well as of several domestic and international professional societies.

► New President of Netherland's Meteorological Society NVBM



Boudewijn Hulsman has been a professional meteorologist at the Royal Netherlands Airforce (RNLAf) since 1989.

After several positions as operational weather forecaster, he became a teacher at the RNLAf Meteorological Group at Woensdrecht Airbase in 1996 and head of the training department. In 2005 he switched back to operational forecasting and became head of the weather operations room. Since January 2009 has been commander of the RNLAf met group.

► Ernest Rudel interim Director of ZAMG

After Fritz Neuwirth's retirement at the hem of the Zentralanstalt für Meteorologie und Geophysik (ZAMG), Ernest Rudel has taken over the ZAMG directorship on an interim basis from 1 December 2009.

Ernest has been at ZAMG since 1974. Before assuming this new position he was head of the department "Data, methods and models".

He is strongly involved in international projects and collaboration: he is the permanent representative of Austria at WMO (World Meteorological Organization), and has acted as organiser of numerous international meetings and conferences. He is also the Secretary General of the Austrian Meteorological Society (OeGM).



► 27th Nordic Meteorologists' Meeting (NMM2010)

- A fifty years long tradition

Every second year meteorologists from the Nordic countries come together in a conference in one of the Nordic countries. The aim of the conference is to provide an overview of the state-of-the-art in meteorology, discuss problems and opportunities, exchange information on different meteorological topics and improve networking between

organizations. The 26th Nordic Meteorologists' Meeting was organised and hosted by the Icelandic Meteorological Society FIV in 2007 Reykjavik. The focus of the meeting was on the IPY, mesoscale aspects of climate change and high resolution numerical forecasting.

The 27th Nordic Meteorologists' Meeting (NMM2010) will be organised by Finnish meteorologists and be held at the headquarters of FMI in Helsinki from 7 to 11 June 2010. More information is available at www.fmi.fi/NMM2010.

A registration form will be available from mid-January and interested participants are asked to return the form by 28 February.

► Profile of AMC Bulgaria

The Aviometeorological Club (AMC), a meteorological society of aeronavigation staff in the Air Traffic Service Authority in Bulgaria, joined the EMS in 2003.

This is a non-profit organization of volunteers, established in 1992 by people providing meteorological services for aviation. The difficult situation in the early 1990s brought together meteorological staff from different airports in Bulgaria who created a body to protect their rights. Despite the success of AMC it appeared necessary to become involved with similar international organizations. Thus AMC joined the EMS.

Nowadays aeronavigation staff have to be excellent observers and forecasters, needed by air-traffic controllers, pilots, air and ground staff of airlines, airport staff and everybody who is going to fly. Accordingly the AMC needs to be informed not only about what is the level of meteorology in Bulgaria, but also what is an European level. In this mission there is even more need of advice and help and it is very important to be a part of the European Society with different meteorological branches.

Now AMC in Bulgaria supports the staff in their preparation and training and in enhancing the role of meteorology in aviation.

► **Romanian Annual Scientific Meeting**

On 4-5 November 2009 the Annual Scientific Meeting was organised by the National Meteorological Administration and the Romanian Meteorological Society (SMR).

Two SMR Young scientist awards



were made this year: Daniel Carbu-naru, NMA, Bucharest, for his paper "Using the parameters of Doppler Radar in analyzing the hail" and Narcis Maier, NMA, Cluj-Napoca for the paper "Statistical analysis of the data recorded by the WRS-88D Radar from Bobohalma for hail forecasting". A SMR diploma for his debut has been awarded to the young forecasting meteorologist Cristian Grecu, NMA, Sibiu, for a case study concerning "Analysis of the severe meteorological event on 25 July 2005 in Campulung Muscel area".

An informal meeting of SMR members was organized on 6 October to discuss "Climate variability and change". Dr. Aristita Busuioc, who participated in the World Climate Conference-3 in Geneva, informed the audience on the main issues discussed during the conference. Further presentations led to interesting discussions on the subject.

► **RMets: Young Scientists challenge Secretary of State**

At the Royal Meteorological Society's student conference this year, a group of young scientists

came together to produce a statement requesting strong leadership of those involved in the development of Copenhagen policy frameworks.

The statement has been sent to the RT Hon Ed Miliband, the UK's Secretary of State for Energy and Climate, expressing serious concern about how world politicians are dealing with climate issues ahead of setting the Copenhagen protocols. The statement adds that 'As today's young researchers we, and our children, will inherit the consequences of the decision-makers who are formulating what will replace the Kyoto Protocol.'

www.rmets.org/news/detail.php?ID=678

News

► **Slovak HM service – acting Director General Pavol Nejedlik**

Pavol Nejedlik's academic background is in meteorology and climatology. He has worked at the Slovak Hydrometeorological Institute since 1981 at the Kosice branch at various positions, dealing mainly with regional climate assessment and phenological evaluation.

He has served as national delegate of Slovak Republic to the CAGM of WMO since 1993.

Starting at the European Commission in Brussels in 2001 as a national expert at the as Scientific Secretary at the Meteorology Domain of the COST programme, he initiated close cooperation between the COST Meteorology Domain and the EMS, and also promoted the cooperation in between the WMO and COST programmes.

He continued in the COST Programme as Science Secretary of the Earth



Science and Environmental Management Domain at the European Science Foundation 2004-2006. In 2007 he moved back to the Slovak Hydrometeorological Institute, as Director of the Meteorological Service Division, in which he remained involved in COST programmes and contributed to activities of the EMS. On 1 October 2009, he became Acting Director General of the Slovak Hydrometeorological Institute.

► **SMOS successfully launched**

The Soil Moisture and Ocean Salinity (SMOS) satellite of ESA was successfully launched on 2 November 2009.

On board is a passive radiometer, which will provide for the first time multi-angular global maps of brightness temperatures at 1.4GHz (L-band), data very sensitive to the soil water content. An accurate estimation of soil moisture is extremely important, due to its influence on the exchange of energy, water and carbon fluxes between the earth's surface and the lower troposphere.

SMOS is expected to provide more accurate global maps of soil moisture to initialize NWP systems. The mission is expected to last at least three years. www.esa.int/esaLP/LPsmos.html

► **Forecasts on the web UK Met Office**

The UK Met Office has a trial web-based system for the UK, based on a Google-maps approach with recent radar/satellite/weather etc. "seamlessly" transforming into forecast fields from their 4-km UK model.

This system known as *Invent* will showcase some of the MetOffice's plans for presenting web-based weather forecasts, products and information. The content is being continuously developed and should not be used to make operational or personal decisions.

metoffice.gov.uk/public/pws/invent

met.no

The Norwegian Met Service has a web-based system for forecasts for their HIRLAM domain and for the rest of the World. Displays of data include "Overview" and "Hour by Hour" and are available from www.yr.no

Publications

► EMS & ECAM 2009 presentations

The majority of presentations from the EMS & ECAM in September in Toulouse are accessible at www.emetsoc.org/annualmeetings/presentations_2009.php

Reports from selected sessions are also available.

► Impact of climate change on property insurance in the UK

A new report, produced for the Association of British Insurers (ABI) by the Met Office and AIR Worldwide Corporation, finds that in the UK, predicted temperature changes could bring significant increase in the insured cost of both flood and windstorm damage. The study highlights that:

- In the UK, the average annual insured losses from river flooding and flash floods could rise by 14% , based on a 4 °C rise in global temperatures which could occur as early as 2060. The average annual windstorm losses could rise by 25%, due to changes in 'storm tracks' along which cyclones travel.
- The insured cost of extreme flood losses occurring on average once every 100 years in Great Britain could rise by 30%. The costs of windstorms occurring on average once every 100 years could rise by 14%.

- In China, average annual insured losses from typhoons could jump by 32%, based on a global temperature rise of 4 °C. www.metoffice.gov.uk/corporate/pressoffice/2009/pr20091104.html

► New Publication on technologies

A new weather technologies publication 'Meteorological Technology International' has been launched. The aim is to present new and future technologies that will aid and assist in weather analysis, monitoring, forecasting and prediction. www.ukipme.com/mag_mti.htm

Meetings 2010

► 90th AMS Annual Meeting

17–21 January 2010, Atlanta, US
www.ametsoc.org/MEET/annual

► 2nd IASI International Conference

25–29 January 2010, Annecy, France
smsc.cnes.fr/IASI/A_conference.htm

► 2010 Ocean Sciences Meeting

22–26 February 2010, Portland, Orlando, USA
www.agu.org/meetings/os10

► Greenhouse Gases in the Earth System:

Setting the Agenda in 2030
22–23 February 2010, London, UK
royalsociety.org/events

► 5th Extremeweather Congress

4–6 March 2010, Bremerhaven, Germany
extremwetterkongress.de/en

► 27th Nordic Meteorologists' Meeting NMM2010

7–11 June 2010, Helsinki, Finland
www.fmi.fi/NMM2010

► Oslo Science Conference: Polar Science - Global Impact

8–12 June 2010, Oslo, Norway
www.ipy-osc.no

► Urban Environmental Pollution - UEP 2010

20–23 June 2010, Boston, USA
www.uep2010.com

► Euroscience Open Forum:

Passion for Science
2–7 July 2010, Torino, Italy
www.esof2010.org

► 5th Earth Observation Summer School

3–13 August 2010
Frascati, Italy
envisat.esa.int/envschool

► 10th EMS Annual Meeting & 8th European Conference on Applied Climatology (ECAC)

13–17 September 2010, Zürich, Switzerland
www.ems2010.ch
meetings.copernicus.org/ems2010

► DACH2010: Deutsch-Österreichisch-Schweizerische Meteorologentagung

20–24 September 2010, Bonn/Köln, Germany
meetings.copernicus.org/dach2010

Agenda

► International Forum of Meteorological Societies: IFMS Global Meeting One

19–20 January 2010
Atlanta, US

► Media Workshop

29–30 January 2010
Ljubljana, Slovenia

► Deadline for submissions to the ems-message No. 8:

18 February 2010

► 22 EMS Council

18–19 March 2010
Budapest, Hungary

► 12th EMS General Assembly

12 September 2010
Zürich, Switzerland

EMS & ECAM 2009, Toulouse, France

From 28 September to 2 October 2009 the 9th EMS Annual Meeting and the 9th European Conference on Applications of Meteorology (ECAM) were held on the premises of Météo France in Toulouse.

450 participants from research institutes, private service providers, the media and national meteorological and hydrological services enjoyed the hospitality of the French hosts as much as the sunshine and the agreeable summer temperatures.

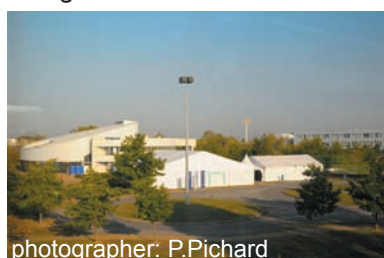
The theme of the conference was High resolution meteorology - applications and services, and the key note lectures during the opening session highlighted different aspects of the theme.



Opening Session: Key note lecture by the Secretary General of WMO (P. Pichard)

The EMS President gave a presidential lecture at the occasion of the 10th anniversary of the EMS foundation, and provided an overview of EMS activities. Photos of the opening session are available at meetings.copernicus.org/ems2009/for_the_media/photo_gallery_opening_session.html

The Météo France conference centre was complemented by a pair of tents that provided space for the exhibition booths, a poster area and catering facilities. Photos of the



photographer: P.Pichard

exhibition can be viewed at meetings.copernicus.org/ems2009/photo_gallery_picture.

The meeting included 400 oral presentations and the display of 200 posters. Most presentations are available from the EMS web site at www.emetsoc.org/annual_meetings/presentations_2009.php

The conference programme including abstracts remains accessible at meetings.copernicus.org/ems2009.

For the first time, an Outstanding Poster Award was instigated: the awards went to two young scientists:



photographer: P.Pichard

Maud Martet (Météo France, left) for her poster entitled "MO-CAGE-accident: From research to operational applications" and Helen Dacre (University of Reading, right) for her poster presentation "The spatial distribution and evolution characteristics of North Atlantic cyclones".

A round table discussion on the vision for high resolution meteorological applications and services attracted an audience of about 150 people.



photographer: P.Pichard

Different aspects were highlighted in introductory remarks by

- Oliver Moch (High Council for Meteorology of France)
- Laurent Dubus (EDF)
- Brian Golding (Met Office)
- Robert Mureau (Meteo Consult)

- David Richardson (ECMWF)
- Jean Marie Carriere (Météo France)

Questions discussed included:

- Are high-resolution applications answering questions and needs of the users or the researchers?
- Does high resolution imply more accuracy?

Discussions were moderated by a cheerful Ewen McCallum (Met Office).

As part of the exhibition a booth organised by the Société Météorologique de France (SMF), displayed material about the activities of a



number of EMS Member Societies.

Future EMS Annual Meetings

- **2010:** EMS & ECAC
13 - 17 September 2010
Zürich, Switzerland
www.ems2010.ch
meetings.copernicus.org/ems2010
- **2011:** EMS & ECAM
12 - 16 September 2011
Berlin, Germany
- **2012:** EMS & ECAC
10 - 14 September 2012
Łódź, Polen

Media Awards

During the Media Session at the EMS & ECAM, the Media Awards were presented.

The EMS TV Weather Forecast Award 2009 went to Danny Roup, Israel, and the video of his weather show was shown during the session.



all photos this page: P.Caille

Two projects were selected for the Outreach and Communication Award 2009: The Climate Portal website, The Netherlands, and the

TV Broadcast Meteoweekend, Italy.



The Awards were presented to Rob van Dorland for the Climate Portal

and to Marco Virgilio for the Meteoweekend Broadcast.



Károly Vissy, Hungary, received the EMS Broadcast Meteorologist Award 2009 that honours life achievement.



A DVD with all material presented at the Media Session will be handed to participants of the forthcoming EMS & ECAC in Zürich.

If you would like to receive a copy now, please contact the EMS Secretariat.

Photos of award presentations at emetsoc.org/awards/award_descriptions.php.

Joint Meeting of the RMetS and the EMS, linked with AMMA

Evaluating climate processes in West Africa: New perspectives from the Monsoon Multidisciplinary Analysis

21 October 2009, London

Report by Rabea Haas, recipient of a Young Scientist Travel Award.

Thanks to the Young Scientist Travel Award I had the opportunity to take part in this interesting meeting. Because I have not been working in AMMA from the start of the project, I was glad to get a good survey of the previous research results.

In the morning session about AMMA and the operational environment in West Africa I was most impressed about the multidisciplinary and how wide the studies range. Andreas Fink spoke about the importance of radiosonde data and the impact on analysis and forecasts. I followed the presentation of Paolo Ruti about the seasonal prediction for West Africa with Particular interest, because he mentioned statistical methods similar to those I used in my diploma thesis.

The presentation of Ole Mertz showed a completely different approach to the topic by interviewing the population. Other effects of the climate on the population were presented by Andrew Morse, who introduced his work on malaria modelling, and Sandra Garcia, whose focus was on hydrological processes and water resources. In my opinion it is important to keep this human dimension in view. To bring together the knowledge from all disciplines a significant factor is the education in meteorology and climate and to find a way to keep

the scientists in West Africa, as explained by Sylvester Danuor.

In the afternoon the focus was on the geophysical aspect. I enjoyed the talk of Jean-Philippe Lafore because he used very meaningful illustrations and animations concerning weather systems over West Africa. Anna Agusti-Panareda pointed out the challenges of modelling the water cycle and explained its different components. Chris Taylor showed observations of land-atmosphere coupling with examples for land response to rain, planetary boundary layer response to land and convective response to land.

The role of aerosols and the composition of the atmosphere are brought out by Celine Mari and Jim Haywood. They explained the types of aerosols, the sources and effects very clearly.

The role of the ocean has been highlighted in the presentation of Peter Brand, who is engaged in the analysis of the variability of sea surface temperature. In the last talk Andreas Fink showed investigation results of the seasonal and inter-seasonal variability of the West African Monsoon.

All topics of this session were very informative for me and I got a lot of new information. All things considered I had an exciting meeting in a nice atmosphere. I am glad I got to know other scientists that are involved in AMMA and their research.

More reports of YSTA recipients are available at www.emetsoc.org/awards/award_descriptions.php
-> **YSTA recipients 2009**

5th European Conference on Severe Storms

The 5th European Conference on Severe Storms, organized by the European Severe Storms Laboratory (ESSL), was held in the City of Landshut (Germany) from October 12 to 16, attracted 207 researchers from 41 countries, among them almost all “top scientists” in that growing community.

Current issues of severe local storm phenomena were discussed in almost 100 talks and about 130 poster presentations. More than 10 participants each came from Germany, USA, Spain, Czech Republic and Italy. Although it is a European conference, the large group of US scientist and the growing number of contributions from Japan, India and South America demonstrates that severe storms are a global issue. One example is the new finding that the lightning activity maximum precedes hurricane intensity maximum, which could be helpful for hurricane intensity predictions.

Not surprisingly, climate change and its relationship to the occurrence and intensity of local storms was one of the “hot topics” of the conference and possibly the most interesting part for the public. However, so far no unambiguous trend of more frequent or intense storms can be proven from the available data, but on the other hand it cannot be ruled out. We now start to get more detailed information from regional climate models about the future probability of weather situations that may support the development of severe storms. Thus, more detailed information about the environment and genesis of severe events is needed.

One example is the field campaign VORTEX2 in the USA in 2009/10 investigating the origin of rotation in tornadoes and their near-ground winds by a manifold of measurement devices including probes and even an armoured vehicle being placed in the path of the tornado. Other presentations focused on tornado events in Europe like Birmingham (UK) on July 28th 2006 or the F4 tornado of Hautmont (France) on 3 August last year.

Even though tornadoes may be considered as the most spectacular severe weather phenomenon, the socio-economic impact of flash floods, large hail, damaging straight-line winds and lightning is much higher. One key role plays the modelling and forecasting of rotating thunderstorms – so-called supercells – which are most capable of the aforementioned hazards. Advances

in numerical predictions like the operational COSMO-DE model of the German Weather Service DWD allow for an explicit forecast of supercell probabilities. Connected with improved nowcasting and warning is the problem of public awareness. Recent studies show that in Europe severe weather warnings are likely misunderstood by the public and the perception of hazards often differs significantly from reality.

Databases become more and more important for climatology, hazard assessments and forecast verification since homogeneous information about the occurrence of severe storms was rather limited in the past. As an outstanding example, the ESSL-operated European Severe Weather Database (ESWD) was awarded the “365 Landmarks” prize in this year’s *Land of Ideas* contest of the German government.

The Heino Tooming Award 2009 was presented to Jean-Baptiste Cohuet, Romu Romero, Victor Homar, Veronique Ducroq and Climent Ramis for their presentation “Maritime convective initiation of the severe thunderstorm of 4 October 2007 in Mallorca: Numerical experiments”. The Tooming Award established in 2007 by ESSL and endowed with a prize of 300 € recognizes



Photo: Karl-Heinz Koos, DLR

any outstanding scientific presentation at an ECSS conference by a group led by a European scientist and involving collaborators from at least one other European country.

Ulrike Wißmeier (LMU Munich, left) and Zoltán Polyánsky (Hungarian Meteorological Service, Budapest, middle) were honoured with the Young Scientist Travel Award of the European Meteorological Society (EMS). Ulrike Wißmeier works on modelling tropical severe multicellular thunder-

storms in the group of Prof Roger Smith at the LMU Munich. Zoltán Polyánsky reported on the formation of funnel clouds and tornados in Hungary along a stationary wind shift boundaries underneath developing cumulonimbus clouds.

In 2009 the still growing severe storms community in Europe and beyond has exceeded the “200 participants” threshold on an even higher scientific level. Since the first ECSS in Toulouse in 2000 this is a remarkable development which emphasizes the importance of severe weather research. The proceedings of the 5th ECSS will appear in the refereed literature as a Special Issue of the Journal Atmospheric Research.

Paris hosted the 6th Forum International de la Météo (FIM)

The Forum International de la Météo (international weather forum) is organized each year by Société Météorologique de France (French Met. Society) and gathers three complementary communities: the general public, scientists (meteorologists, researchers) and weather presenters, who share a common concern: Climate Change and its impact on environment.

Through exhibitions and animations dedicated to the general public, the FIM is an awareness campaign focused on the impact of climate change and necessity of taking action against green house gas emissions.

In parallel, a symposium and workshops gather experts in the field of weather and climate together with weather presenters from all around the world. This is an opportunity for sharing knowledge, exchanging experiences and developing skills.

From October 20 to 25, 2009, animations and educational workshops were available to the general public and especially the youngest members. More than 7 200 visitors took part in animations displayed by organizations such as the European Union/DG Environment, European Space Agency, CNES (French space centre), CNRS (French scientific research center), ADEME (French agency for environment and energy), Météo-France, Peugeot-Citroën, Electricité de France and Gaz de France-Suez.

For the first time, a training course in meteorology and climate was run for teachers. Around 80 attended the one-day seminar on October 21.

A programme for professionals began on 23 October at Banque Populaire Headquarters. Over 190 participants attended the Symposium "Cities and Climate Change" which included four roundtable discussions dealing with "Urban Meteorology and Energy", "Climate of Extremes in urban environments: warnings and costs?", "Urban air quality issues in 50 years start" and "Policy answers to Climate Change?" with an overview by Jean-Pascal van Ypersele (Vice-president of IPCC) and a debate animated by Evelyne Dhéliat (TF1, France) with the participation of Denis Baupin (Mairie de Paris), Jean Jouzel (President of SMF and IPCC member) and Karim Lapp (Conseil Régional Île-de-France).

A special day for the media took place on 24 October. Opportunities were offered to media service providers to make a demonstration of weather solutions (hard/software, data) to groups of weather broadcasters and audio-visual decision makers. Four societies attended this workshop: Meteostategy (France), Météo-France (France), Meteogroup (Germany) and Weather Central (USA).

After the workshop, two presentation sessions were given by weather broadcasters. Stephen Rancourt from the Shanghai Meteorological Media Center introduced the first "Meteo Pavilion" which is a common initiative



„Cities and climate change“. From left to right : Evelyne Dhéliat (TF1, France), Jean-Pascal van Ypersele (vice president IPCC), Jean Jouzel (president SMF), Denis Baupin (Deputy-Mayor of Paris, in charge of Environment) and Karim Lapp (Conseil Regional Ile-de-France).

of WMO and the China Meteorological Administration; it will be shown at the occasion of the World Exhibition of Shanghai to be held in 2010. Then, three colleagues from Belgium, Jill Peeters, VTM, Sabrina Jacobs, RTL-TVI and Jean-Charles Beaubois, RTBF gave a presentation of "the Big Ask Again". This is a "call for action" aiming at rising the politicians awareness before the Copenhagen Summit. Around 11,000 participants met on a Belgian beach on last August and danced for the climate on a U2 famous song.

The 6th Forum ended with a Green Ride which is a symbolical action showing that it is possible to go from a starting point "A" to a final point "B" using environment friendly and low in energy consumption means of transport.

Launched in Brussels at the end of the 5th IWF, this 2nd Green Ride gathered weather broadcasters from all over the world along with politicians, such as Denis Baupin, Deputy-Mayor of Paris in charge of Environment and Philippe Goujon (Mayor of the 15th district).

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