



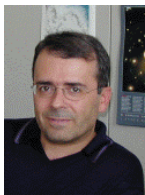
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## Newsletter 2009-1 of the European Severe Storms Laboratory e. V. (ESSL)

### New Advisory Council members

On the ESSL General Assembly in Amsterdam, 2 October 2008, three new Advisory Council members were elected:



**Prof. Vincenzo Levizzani**  
CNR, ISAC  
Italy  
(Science group)



**Prof. Daniel Rosenfeld**  
Hebrew University of Jerusalem  
Israel  
(Science group)



**Prof. David M. Schultz**  
FMI and University of Helsinki  
Finland  
(NMHS/EUMETSAT group)

Further suggestions for the remaining 3 open seats for representatives of other user groups are welcome.

### New institutional members

EUMETSAT has become an ESSL institutional member in 2008.



### Annual Report 2007

The ESSL Annual Report 2007 is available on the ESSL's websites in PDF format under:  
<http://www.essl.org/reports/adm/ESSL-admin-rep-2008-02.pdf>

### ESWD v.3 and Technical Report

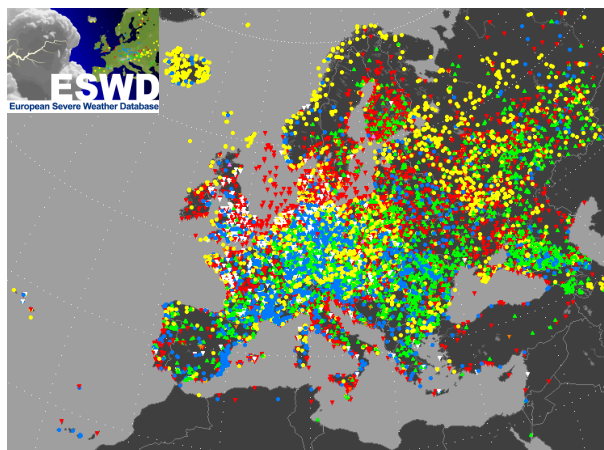
Version 3 of the ESWD has been operational since late 2008. It provides a more transparent 3-level quality-control scheme, options to create customized user interfaces, and offers near-realtime data exchange capability with collaboration partners like DWD. To facilitate exchange and reusability of ESWD data, a CSV-Version of the original data format has been developed. Its technical specification can be found in ESSL Technical Report 2009-01:

<http://www.essl.org/reports/tec/ESSL-tech-rep-2009-01.pdf>

This new ESWD version has enabled the Finnish Meteorological Institute (FMI) and the Bulgarian National Institute of Meteorology and Hydrology (NIMH) to collaborate with ESSL on enlarging the ESWD data set. FMI staff has already added a large set of historical and recent severe weather events to the ESWD.

Customized ESWD accounts for storm spotter associations (Keraunos (France), Skywarn CZECHoSLOVAK, Skywarn Slovenia) allow them to provide severe weather reports, with a quality-control level between that of public reports and ESSL- or NMHS-verified events. ESSL is also developing a procedure to import reports from Skywarn Germany into the ESWD in near-realtime. This work is a contribution to the project RegioExAKT funded by the German Federal Ministry of Education and Research.

[www.regioexakt.de](http://www.regioexakt.de).



ESWD (1950–2008): about 18500 events!

An overview of the use of the ESWD in severe convective storms research will appear in Atmospheric Research:

[http://www.essl.org/people/dotzek/pdf/Dot\\_al07c-sub-rev.pdf](http://www.essl.org/people/dotzek/pdf/Dot_al07c-sub-rev.pdf)

The ESWD is one of the 365 winners of the 2009 "365 Landmarks in the Land of Ideas" contest. More information is available on:

<http://www.land-of-ideas.org>

Deutschland  
Land der Ideen



Ausgewählter Ort 2009

## Scientific projects

ESSL is one of the project partners in the EU FP7 project EWENT (Extreme Weather impacts on European Networks of Transport), which is expected to start in mid-2009 and will run for 2½ years.

## 5th European Conference on Severe Storms, ECSS 2009

The ECSS will be held in Landshut, situated close to Munich international airport, from 12–16 October 2009. The ECSS is jointly organised by the ESSL and the Institute of Atmospheric Physics at the German Aerospace Center (DLR).

Please use the pre-registration (non-binding, no fees) to ensure that you receive updated information on the ECSS via eMail.

**Deadline for abstract submission: 30 April 2009**

ECSS website: <http://www.essl.org/ECSS/2009/>



## Information for prospective members, partners and ESWD users

The Executive Board gladly accepts your proposals for new members and cooperation partners. Application forms and other relevant information are available on the ESSL website: <http://www.essl.org/contact.htm>. Access to the ESWD is also possible for registered users at a rate comparable to the ESSL membership fee. You are welcome to communicate the benefits of ESWD usership to potentially interested parties. For more information please contact our treasurer Alois Holzer: [alois.holzer@essl.org](mailto:alois.holzer@essl.org).

Bernold Feuerstein  
(Deputy Director and Press Officer)

Nikolai Dotzek  
(Director)