

What is EMS Technology Achievement Award?

Robert Mureau

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EMS TECHNOLOGY ACHIEVEMENT AWARD

“The Technology Achievement Award recognises achievements that

- are influential on developments of technologies and technical solutions in meteorology and related areas,*
- have advanced the methods and technologies of environmental observing and forecasting systems and*
- demonstrated the potential to impact on the field at the European scale.”*



EMS TECHNOLOGY ACHIEVEMENT AWARD

- Technology is, in the scientific environment, often underrated and underappreciated: “Engineering”.
- Building a model, setting up a user-friendly data base system, setting up an observing system, creating a convenient data display system for the forecaster and the scientist, etc. , etc....
- they are all examples of essential work without which science could not prosper!



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- EMS wants to give a moral boost to those groups or individuals that are key to such developments.
- It is about achievement and usefulness, not necessarily about innovation.
- Could be a large organization (Met Service, ECMWF, European Collaboration) or a small group of people who developed a convenient system.



EMS TECHNOLOGY ACHIEVEMENT AWARD

- Launched in 2015
- Annual award
- Has been awarded 6 times
- Since 2021: option for two awards
 - ✓ Large organization
 - ✓ Small organization



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- **2016** The BOBER – Distributed “real-time” Environmental Measuring System (*Slovenia*)
- **2016** MARS Meteorological Archival and Retrieval System (*ECMWF*)
- **2018** Ninjo: A Meteorological Workstation (*German Weather Service*)



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- **2019** Copernicus Climate Data Store (*based at ECMWF*)
- **2021** Climate Explorer, Geert Jan van Oldenborgh
(*small organization*)
- **2022** WOW: Make us of amateur weather observations to generate a denser observation network and create a weather and climate awareness with the public (*Several European Met Services involved*)



Committee Members

- Dominique Marbouty
- Tarja Riihisaari
- Paul Halton
- Sorin Burcea
- Mats Oloffson
- Robert Mureau, chair



EMS Technology Achievement Award

Please submit



1. Early December: **Short proposal**
2. Committee will give **feedback** by early January
3. End of January: **Full proposal** when feedback positive

Details on website:

<https://www.emetsoc.org/awards/award-category/ems-technology-achievement-award/>



EMS TECHNOLOGY ACHIEVEMENT AWARD

Technology and Methods that
can have an impact on a
European scale

CALL FOR NOMINATIONS

