

Report on the EMS Annual Meeting: European Conference for Applied Meteorology and Climatology 2019, 9 - 13 September, Lyngby, Denmark

First and foremost, I am really grateful to the European Meteorological Society for honouring me with the Young Scientist Travel Award. This support enabled me to participate in the EMS Annual Meeting: European Conference for Applied Meteorology and Climatology. The conference took place at the Technical University of Denmark on the Lyngby Campus near Copenhagen, Denmark, from 9 to 13 September 2019.

I am third year PhD student at Institute of Geodesy and Geoinformatics, University of Environmental and Life Sciences, Wrocław, Poland and also a research fellow at the Department of Geosciences, University of Padova, Padua, Italy. In my research, I deal with Global Navigation Satellite System (GNSS) meteorology, and especially, application of the GNSS observations in severe weather monitoring. Therefore, attendance in the conference was important for me to get a broader insight of the state-of-the-art.

During the conference, I had an opportunity to present my results of the last year work entitled: "A Comparison Between Raytraced GFS/WRF/ERA and GNSS Slant Path Delays in Tropical Cyclone Meranti" in the session OSA1.5 Data assimilation and use of observations in meteorology and oceanography. The work shows validation of weather models and reanalysis using GNSS slant total delays during passage of tropical cyclone. I demonstrated the pitch and poster about this topic. I appreciate that I could discuss my results with a wide range of scientists. However, I disliked that pitch and poster attendance session was held at different days. I think it could be better to present posters right after the pitches.

Although, many topics presented at the conference was out of the scope of my study and research interest, I enjoyed many oral and poster sessions. Especially, I would like to highlight two interesting presentations: "How will climate change affect aviation?" of Paul Williams in the session OSA2.1 and "On E-GVAP and the use of E-EGVAP data" presented by Henrik Vedel in the session OSA1.5.

I also appreciate the EMS meeting for the possibility of networking. I met a lot of researchers, who are also involved in similar studies to my and GNSS applications in weather studies.

On general, I would like to thank the EMS again for the award. I really appreciate the attendance in the conference and I hope I will be able to repeat this experience in the meetings in the future.

Yours sincerely,

Elżbieta Lasota