

## Report

### Young Scientist Travel Award

**EMS annual Meeting 2019 - from 9 to 13 September 2019  
DTU, Copenhagen, Denmark**

First of all, I would like to express my thanks and gratitude to the EMS Scientific committee for giving me the YSTA, allowing me to attend at EMS Annual Meeting 2019. EMS is one of the largest events in the world that gives a broad look at works that are being done in the field of Meteorology and Climatology. It was a great opportunity for me to meet many scientists/researchers from around the world working in fields of meteorology, climatology and climate services and to discuss around many oral and poster presentations.

My contribution to the EMS annual meeting was a poster presentation entitled “*Sensitivity of Radiosounding Temperature and Humidity Trends to Estimation Algorithms and Subsampling Effects*”. This work, carried out in the frame of the Copernicus Climate Change Service (C3S) - Copernicus contract C3S 311a Lot3, Access to Reference and Baseline in-situ Climate Observations, aim to analyze source uncertainties in the estimation of trends in radiosounding historical time series due to the choice of linear regression methods and the effects due to spatial and temporal subsampling. It was presented in the session OSA3.1 entitled “*Climate Monitoring: data rescue, management, quality and homogenization*”. I would like to say that the presentations and discussions made in this session were very useful with a wide variety of presentations which has given me many ideas about climate data rescue strategies, statistical quality control and homogenization approaches based on different climate observation data sets.

Hence, EMS conference was a wonderful opportunity for me to share and discuss around a coffee break my first results with some partners and researchers working in the same subject and C3S project. I had a lot of useful discussions with a wide range of scientists interested in my results, statistical methods and radiosonde data sets used in my work.

Overall, I found the EMS conference very useful with a wide variety of presentations on climate change impacts, atmospheric measurement, climate services and applications, which has given me many ideas for my own research. I also have thoroughly enjoyed my first EMS conference and would like to thank the EMS committee and the EMS President, Bob Riddaway, once again for my attendance at the meeting and for the discussions during the Awardees' lunch invitation at DTU Faculty Club.

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