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## Zerefsan Kaymaz

(Born: January 15, Samsun, Turkey)

BSc : Department of Meteorology,  
Faculty of Aeronautics and Astronautics,  
Istanbul Technical University.

MSc & PhD : Department of Atmospheric Sciences, Upper Atmosphere and Space Physics.  
University of California, Los Angeles, California, USA

Post-doct : Center For Space Physics, Boston University, Boston, USA

Zerefsan Kaymaz received her BSc from Department of Meteorology, İstanbul Technical University (ITU) with distinct honors, being the number one in her graduation year. She received her master and PhD degree from Department of Atmospheric Sciences of University of California at Los Angeles (UCLA). She studied as postdoctoral researcher in Boston University, Center for Space Physics. She currently works in ITU, Faculty of Aeronautics and Astronautics as a full professor since 2003. Her research is focused on Space Weather, Space Environment, Space Environment Effects, Magnetospheric physics, Ionospheric physics, and Solar wind-Magnetosphere-Ionosphere Coupling and model verification. She is the leading scientist who established undergraduate and graduate courses on these subjects in the Faculty of Aeronautics and Astronautics. She is also the founder and the leader of the Upper Atmosphere and Space Weather Laboratory, established in June 2010. At different times during her career, she worked at Applied Physics Laboratory of Johns Hopkins University, Space Weather Laboratory of NASA GSFC. She involved in several NSF and NASA projects as Co-PI and/or researcher, and was PI in several Turkish Scientific and Technological Council (TÜBİTAK) projects. She received Alexander von Humboldt fellowship to study in Max Planck Institut Für Aeronomy in Katlenburg-Lindau, Germany. She received Turkish National Scientific and Technological Council (TÜBİTAK) Young Scientist award for her studies in Upper Atmosphere and Space Physics in Turkey. She is the author/coauthor in 30 SCI journal papers. She acts as a referee in several international journals and reviewer and evaluator in European Union (FP7, HORIZON2020) projects. She is a member of AGU and COSPAR associate. She acted as the Program coordinator for Atmospheric Sciences Program at the graduate level and Erasmus director of ITU. She is currently the senator at the ITU's board of senate. She is also the corresponding member of International Academy of Astronautics (IAA) on Space Sciences.  
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