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Zerefsan Kaymaz received her BSc from Department of Meteorology, Istanbul Technical University (ITU) with distinct honors, being the number one of her graduation term. 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 full professor since 2003. 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 Humbolt fellowship to carry out her studies 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 and has more than 300 citations. Her research is focused on Space Weather, Space Environment, Effects of Space Environment on Satellites, Solar-Terrestrial Physics, Space Physics, particularly in magnetospheric physics, ionospheric physics, and solar wind-magnetosphere-ionosphere coupling and modelling. She acts as a referee in several international journals and reviewer and evaluator in European Union (FP7, HORIZON2020) projects. She is the member of AGU and COSPAR associate. She was the Program coordinator for Atmospheric Sciences Program at the graduate level from 2004 to 2008. She was also the Erasmus director of ITU from 2004 to 2008 and is acting as the Erasmus coordinator for Atmospheric Sciences Program at the undergraduate and graduate levels since 2004. She is the head of the Upper Atmosphere and Space Weather Laboratory, established in June 2010 with the support of Rectorate of Istanbul Technical University and TÜBİTAK project, a grand support for her research and to establish a team of Space Weather. She is currently the senator at the ITU's board of senate and is the representative of Turkey at IAA.

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