

Madam Chair,

Thank you for giving me the floor and for the opportunity to provide a brief update to the Subcommittee on the progress of Brazil's activities in the field of space weather.

Space weather is a matter of serious importance for Brazil, not only because of the size of the country, but also because of the location of the South Atlantic Anomaly, which renders many systems particularly susceptible to space weather events.

Space weather monitoring and forecasting activities in Brazil are coordinated by INPE - the Brazilian National Institute of Space Research – which, among other things, is responsible for the EMBRACE space weather information portal. EMBRACE is a Portuguese acronym that stands for Brazilian Space Weather Monitoring and Study, but we can also interpret it as the English word, as it aims to collect and bring together a wealth of information on a range of space weather parameters, which is made available free of charge to anyone that checks the website. I cannot display links here, but I invite delegations to google for INPE and EMBRACE and they will easily find the portal in English and in Portuguese.

As part of recent developments in this area, I would like to announce that INPE has celebrated an agreement with the National Oceanic and Atmospheric Administration in the USA, or NOAA, to have access to data from the GOES-R family of satellites. This is the newest development in the longstanding cooperation between INPE and NOAA, which also includes the participation of INPE in the COSMIC-2 Mission.

With China, INPE has signed a letter of understanding with NSSC, the National Space Science Center in China, to further research on space weather. This initiative will be added to our cooperation in the China-Brazil Joint Laboratory for Space Weather and the International Meridian Circle Program to study geomagnetic anomalies.

Finally, I am also pleased to report that Brazilian experts will be participating actively in the meetings of the expert group on space weather during this session to contribute constructively with the discussions. Thank you.