

Space Weather Activities in Uganda

By

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- The following Universities have introduced space weather courses in their undergraduate curriculum; (i) Makerere University, (ii) Mbarara University of Science and Technology, (iii) Busitema University, and (iv) Muni University.
- Some M.Sc students in these universities do research projects using partly space weather data collected by the world data center.
- There are 5 PhD holders trained from Uganda in the last 7 years who did research using partly Space weather data collected by the world data center.

- Currently, there are 2 research grants supporting space weather research projects in Uganda. The first is funded by the world academy of Sciences (TWAS). This project whose PI is Dr. Patrick Mungufeni intends to quantify geomagnetically induced currents over Uganda (a low latitude region). Through this project, there will be deployment of magnetometers and low cost GNSS receivers in Uganda. The second project is funded by the International Science Program (ISP) of Sweden. This project is headed by Assoc. Prof. Edward Juruu. The ISP project mainly helps Msc. and PhD students who are doing Space Weather research with tuition and Research facilitation.

- Government of Uganda is planning to establish National Space Research Center in Busitema University. Land has been identified to construct the research center.
- The Government of Uganda through the Council for Science and technology showed willingness to support international Space weather initiative School.

The End.