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Overview of Zambia's drive for implementing space technology

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Zambia has been thriving on hired space technology for telecommunication, weather prediction, land and radar surveillance which has resulted into the country spending a lot of money for these technological services. This also compromises the reliability of the space technologies that are being used as the country has no full control over them. This concept note gives an overview of the recent space science activities in Zambia and the efforts being made in developing a guiding national space science policy. We highlight current research in space weather, ionospheric total electron content (TEC) measurements, remote sensing and meteorological predictions. These are linked also to the academic programmes being developed in the leading higher education institutions in the country.