

MADGAS Project: a contribution to the Equatorial Geophysics studies

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In the framework of the International Heliophysical Year (IHY) - 2007, initiate by the United Nation Office of Basic Space Science; a chain of several magnetic stations (equipped with Magnetic Data Acquisition System (MAGDAS)) has been installed along the 210 degree magnetic meridian and around the dip equator. This was the contribution of the Space Environment Research Center (SERC) of Kyushu University (Japan). According to the MAGDAS Principal Investigator (PI), this project aims to become the most comprehensive ground-based system to monitor the earth magnetic field. It is an important contribution to the understanding of the earth magnetic field and a complement to the space based observations. This paper presents the contribution of the MAGDAS project to the equatorial geophysics studies in Africa. The data used are those recorded at the MAGDAS station installed the Abidjan.