

ABSTRACT:**Background of Uganda and knowledge of Space Applications**

The estimated population is 33 million with female being 51% and male 49%. More so 58% of the total populace is children. The growth rate of the population is 3.2% p.a and the nominal GDP is \$510 and real GDP at \$356. It further noted that 12% of the population is settled in urban areas with the capital city Kampala having a day population of over 2 million.

BACK GROUND AND MOTIVATION.

Space Applications are a new and interactive venture in developing countries with enormous benefits that will define the future of the new Africa in areas of information technology and communication, agriculture, security, aviation, health, formal education, tourism and many other fields that will define the new modern information societies and economies. There is a social aspect to globally network young professionals and students to actively interact, discuss and expand their knowledge to increase individual and team roles in scientific studies, exploration and the utilization of space and outer space. This knowledge and practice in space venturing could lead to public agencies, private companies and individuals to invest in futuristic space ventures and related chains that could massively result in increased revenue and extend the sales life of their products.

What is the problem to be addressed?

There are hundreds of thousands of users of space application programmes in areas of ICT, Aviation, education, health, agriculture, Air Force and security including other fields in Uganda who are short of the knowledge and practice in this area due to the information gap created by the current education curricula and the lack of interest in research, and practicability in these areas of study. There is a need to foster a faster way to develop interest of these users into areas of space study and enthusiasm that will allow them to join and realize the benefits of space knowledge and venturing.

Why is this problem worth solving or worth solving better?

A better informative service would be greatly valuable because it could greatly increase knowledge, awareness, enthusiasm and satisfaction in young professionals, students and the youth in this field of space applications and allow them to spend more learning, interacting, discussing, debating, searching, networking, practicing and venturing in new studies, researches and reports that will broaden their knowledge and comprehensive awareness of the importance of space and outer space. By implementing an improved and clear project that focuses on SPACE science interactive studies and information rather than the existing ones mentioned above, the benefits to the Ugandan society could come in the form of new awareness, increased investment in space ventures that could trigger massive revenues for public and private for profit companies, new cheaper methodologies for implementation of non-profit organizational projects, advancement in provision of health services, developments in the agriculture fields, newer/safer aviation solutions and aircraft, environmental awareness and stewardship, designing newer efficient and effective education curricula and the crave for developing newer approaches to National Security.