

Transcending Societal Issues for Space Exploration (12)
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DEMYSTIFYING SPACE SCIENCE TO THE SOCIETY FOR A FORTUNATE SPACE
EXPLORATION

Abstract

According to the European Space Agency, the impact on space activities upon the welfare of humanity will only increase. As the space scientist are excited with most of the space and galaxies caption captured in the space, a gap still lingers on the need to reach the other population in Africa. These population still experiences threats emanating from natural calamities such as floods, landslides, fire outbreak and famine.

As much as the benefit of space activities cannot be overlooked, and taxes derived from the non-knowledgeable community used to finance the expensive space exploration venture, it is fallacious to assume that the society at large appreciates these endeavors, while most government of the day not in a position to solve most of the basic problems facing their people.

It is on this logic, that activities around demystifying space technology, usage and relevance to the people plays a critical role. The technology usage and jobs, which has since faced a slow penetration in the third world country, has contributed to less usage by the people and consequently by authorities. There also lacks a body mandated to demystify space application and technology to the simplest form.

The lack of space penetration has also been contributed by the less emphasis on space science studies at school. They have concentrated in courses that are based on the social aspects and shunned the technical courses, this has also been contributed by cultural practice and complacency of ubuntu in Africa. The education system is also largely rudimentary, with most learners failing to attain the basic analytical computer skills after studies.

The readily available open data has not been widely used for the benefit of the community. This has also been contributed by the lack of technical know how in processing and communicating the information in the simple form. The slow growth of space industry has also contributed to slow usage and penetration of space technology.

Thus, there is need to creating a multi levelled approach in reaching out to the society, communicating effectively, developing space based, yet simple use-cases and deploying for use e.g. agricultural intervention be widely rolled out in the continent, to kick start the conversation of space usage. The action of demystifying space science and application to the society, will greatly contribute to its acknowledgement and will be a key reason in transcending societal issues for further space activities such space exploration.