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THE AFRICAN SATELLITE CONSTELLATION NETWORK PROJECT TO MONITOR THE
COASTAL REGIONS OF AFRICA

Abstract

On November 26, 2019, Six African countries from Ghana, Sierra Leone, Cote D'Ivoire, Togo, Burkina-Faso and Cape Verde formed the African Satellite Constellation Network dubbed the AFCONSAT project. The idea was initiated by the All Nations University to train African engineers, researchers especially in universities to successfully build a constellation of CubeSats to monitor the coastal regions in Africa. The project will take a maximum of 2 years from mission planning to satellite launch. Each participating country will build its own ground station to receive satellite imagery data from the satellites. The ground station network named the African Amateur Ground Station Network will maximize data collection and build capacity in satellite operation. The present paper presents the status of the project and future plans.