

IAF EARTH OBSERVATION SYMPOSIUM (B1)  
International Cooperation in Earth Observation Missions (1)

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USING REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEMS TO INCREASE THE  
RELIABILITY AND ACCURACY OF THE SUSTAINABLE DEVELOPMENT GOALS INDEX  
TRACKING PLATFORM IN AFRICA: THE CASE STUDY OF ANGOLA.

**Abstract**

Africa only has 40There is a need to realize that people cannot be isolated from their problems and the SDGs will undoubtedly change this situation by placing People, the Planet, Prosperity, Peace and Partnerships at the center of governance. That is why Angola, the National Statistics Institute (INE) has a crucial role in the production and coordination of the country's official statistics, contributing to the availability of internationally comparable statistical information and allowing society to have means of control and participate in sustainable development. This paper show how Esri delivers geospatial solutions for gathering, integrating, and analysing the underlying data and recommend with some practical approaches how space related data and Geographic information systems can contribute for the improvement of the Angolan SDG tracking platform and consequently increase the accuracy of the INE's statistics. Esri's ArcGIS is an integrative technology, bringing together information about what happens in the world, where it happens, and who is affected, into a single, unified view. ArcGIS plays a fundamental role in creating and sharing SDG data, and informing policy formulation and decision-making around sustainable development programs and investments. We enable people to make a positive impact and difference in the world with GIS. We are partnering with the UN, national governments, and authoritative data producers to develop SDG data hubs, information dashboards, and other data products to support the advancement of the SDGs. After looking into the direct and indirect relation between Space Data and SDGs indicators in every stage of the chain: Collect and calculate, Share SDG data, Analyse and plan programs, Monitor change and impact, Engage stakeholders, it was possible to conclude that earth observation contribute to more than 54