Training Course for the African Countries at the Broglio Space Center in Malindi

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The first Training Course on Earth Observation and Remote Sensing, Space Science, Law and Policy was organized by the Italian Space Agency (ASI), in collaboration with the Kenya Space Agency and supported by the Office for Outer Space Affairs of the United Nations (UNOOSA).
The Broglio Space Center (BSC) is a space infrastructure in Malindi, Kenya, dedicated to its Italian founder, the Prof. Luigi Broglio.

The Broglio Space Center (BSC) is one of the few consolidated space facilities in Africa in an equatorial position and with high-level technological capabilities and highly qualified personnel.
The Broglio Space Centre in Malindi responds to the objectives set by the Agenda 2030 of the United Nations and the objectives of the Agenda 2063 of the African Union.

The BSC is based on the long-standing cooperation between Italy and Kenya in more than 50 years.
The main purpose of the Course was the realisation of a special training devoted to African youth, future space leaders in Space, able to operate with awareness for a sustainable and peaceful development of the African continent.
The Training Course for the African Countries at the BSC

• educate to the space knowledge without limits
• strengthen national identity and improve African quality of life.
• develop the awareness to preserve the long term sustainability of outer space activities
The Training Course for the African Countries at the BSC

ADMISSION REQUIREMENTS

- Maximum age: 30 years
- Be a citizen and resident of an African Country
- Have a good command of the English language
- Have at least a Bachelor’s degree
- Be able to use the experience gained in the study of physics, mathematics, engineering and aerospace disciplines
The Training Course for the African Countries at the BSC

Learning hours: 30
Number of Participants: 15
Participants’ average age: 27

African Countries:
Ivory Coast, Egypt, Ghana, Nigeria, Senegal, Seychelles, South Africa, Tunisia, Zambia, Kenya
The Training Course was aimed at uncovering the potential of Earth observation, Remote sensing, Space Sciences and Space Policy as tools for providing fundamental applications and services for sustainable development.
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• Space Science
• Space Systems
• Earth Observation and Remote Sensing
• Navigation
• Space Policy and Law

5 MODULES

30 EDUCATION HOURS
The Training Course for the African Countries at the BSC

- knowledge and training on Remote Sensing
- radar technology and data as COSMO-SkyMed satellite constellation
- Space Sciences
- contemporary issues in the international space environment with the main space programs
• unique opportunity for all participants
• introduction to the global perspective of Space
• cutting-edge technology, multi-disciplinarity, innovation, economics, diplomacy, security, sustainability
Space can provide Africa with tools that can improve policymaking.

Space can accelerate sustainable development all over the continent.

Students became part of this change bringing the skills they acquired back to their countries and organizations.
The Training Course for the African Countries at the BSC
The Training Course was the first step toward a permanent International Space Educational Center in Africa for Africa.

Welcome to cooperation and all international support to offer the best space knowledge and technology models!
Thank you!