



# 4<sup>TH</sup> AFRICAN LEADERSHIP CONFERENCE ON SPACE SCIENCE AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT

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SCIENTIFIC AND TECHNICAL SUBCOMMITTEE  
COMMITTEE ON PEACEFUL USES OF OUTER SPACE

FORTY- NINTH SESSION  
6-17 FEBRUARY, 2012  
VIENNA, AUSTRIA

BY

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# OUTLINE OF PRESENTATION

1. History of ALCs
2. Vision and Mission of ALC
  - Main objectives
3. Organization: Programme
4. Posters and Exhibitions
5. Participation
6. Observations
7. Conclusions and recommendations
8. Future Plans of ALC

# 1. History of ALCs

- 1<sup>st</sup> ALC Abuja - 2005
- 2<sup>nd</sup> ALC South Africa - 2007
- 3<sup>rd</sup> ALC Algeria - 2009
- 4<sup>th</sup> ALC Kenya - 2011

The ALCs have

- Contributed to a better understanding of space technology and to capacity-building in the utilization of space technology for socio-economic development in Africa; and
- Led to the creation of the African Resource and environmental Management satellite Constellation (ARMC) project;

## 2. VISION & MISSION OF ALC

### Vision

To be a forum which offers continuous advisory services and support to African Member States on space related activities

### Mission

To improve cooperation among African space professionals and to raise awareness among African Governments of the important benefits of space S & T for Africa's sustainable development through a regional platform

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## THE 4TH AFRICAN LEADERSHIP CONFERENCE ON SPACE SCIENCE AND TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT - ALC2011

*“Building a Shared Vision for Space in Africa”*



**26-28 September, 2011**

**White Sands Beach Hotel, Mombasa, Kenya**

# 3. PARTICIPANTS

- Over 165 participants from space related agencies and bodies all over the world
- The following countries were represented
  - 20 from Africa; Algeria, Nigeria, South Africa, Egypt, Tanzania, Sudan, Ghana, Burkina Faso, Morocco and Kenya
  - International and Regional space related organizations
  - UNOOSA
  - There were 14 exhibitors



Group Photo:  
African Leadership Conference on Space Science and  
Technology for Sustainable Development, 26 -28 September,  
2011 Mombasa, Kenya

## 4. ORGANIZATION: PROGRAMME

### Opening session:

- 2 Key note addresses were made after the welcome address
- Official opening was made by the Kenyan Minister for Higher Education, S&T Prof. Hon. Margaret Kamar

### Presentations

### Plenary Session: Themes

- Current African Developments (8);
- Regional and International Cooperation (3);
- Space Systems and Engineering in Africa (3);
- Space Technology and Space Law (3);
- Observations and Recommendations which culminated in the development of the Mombasa Declaration ; and
- ALC 2011 inputs to African space day at IAC 2011

## ORGANIZATION: PROGRAMME CONTD...

### Panel discussions (4)

- Building a viable capacity for space technology development in Africa;
- The Viability of an African Space Agency;
- State of data accessibility, availability; dissemination, analysis interpretation and utilization for sustainable development in Africa; and
- Building a shared Vision for space in Africa

### Parallel Sessions:- UNOOSA Workshops

13 presentations were made as follows:-

- Space Technology Development in Africa (7)
- Capacity-building in Space Law in Africa (6)

### Exhibitions (14)

## 5. OBSERVATIONS

### *The Conference noted the following:*

- Major contributions by space S &T to the well-being of humanity;
- UN General Assembly resolution 65/97, emphasizes that regional and inter-regional cooperation;
- Space science responds to the universal human urge to explore the unknown, thereby enhancing knowledge of the natural world & providing a powerful source of inspiration for the youth to embrace S & T; and
- Including the role played by COPUOS in fostering international cooperation in outer space activities;
- The need to ensure that the space environment is used by all in a sustainable manner:
- That space transcends national boundaries and local interests, permitting the development of solutions to address common challenges faced by all African countries;
- Efforts should be undertaken to facilitate substantive joint projects between “space-capable” and “non-space-capable” countries in Africa.

## 6. CONCLUSIONS & RECOMMENDATIONS

*Participants Declared their commitment to harness space S & T for betterment of the human condition in Africa through the following:*

- Protection of Africa's natural environment and the collective management of the continent's resources for sustainable socioeconomic development;
- Enhancement of human security, development and welfare;
- Development of Africa's human capital resources in space science and technology;
- Advancement of scientific knowledge of outer space and to protect the space environment for future generations;
- Advancement of the widest possible adherence to international treaties governing the use of outer space for peaceful purposes;

## CONCLUSIONS & RECOMMENDATIONS CONTD...

- Enhancement of public awareness of the importance of space activities;
- Strengthening of space activities in the African Union; and
- Strengthening of African participation in COPUOS, and other global space fora.

## 7. FUTURE PLANS

- ALC2011 proceedings: [www.ncst.go.ke](http://www.ncst.go.ke)
- Implementation of the Mombasa Declaration
- ALC Youth Forum
- ALC2013

