

On the Development of the UN Regional Centres



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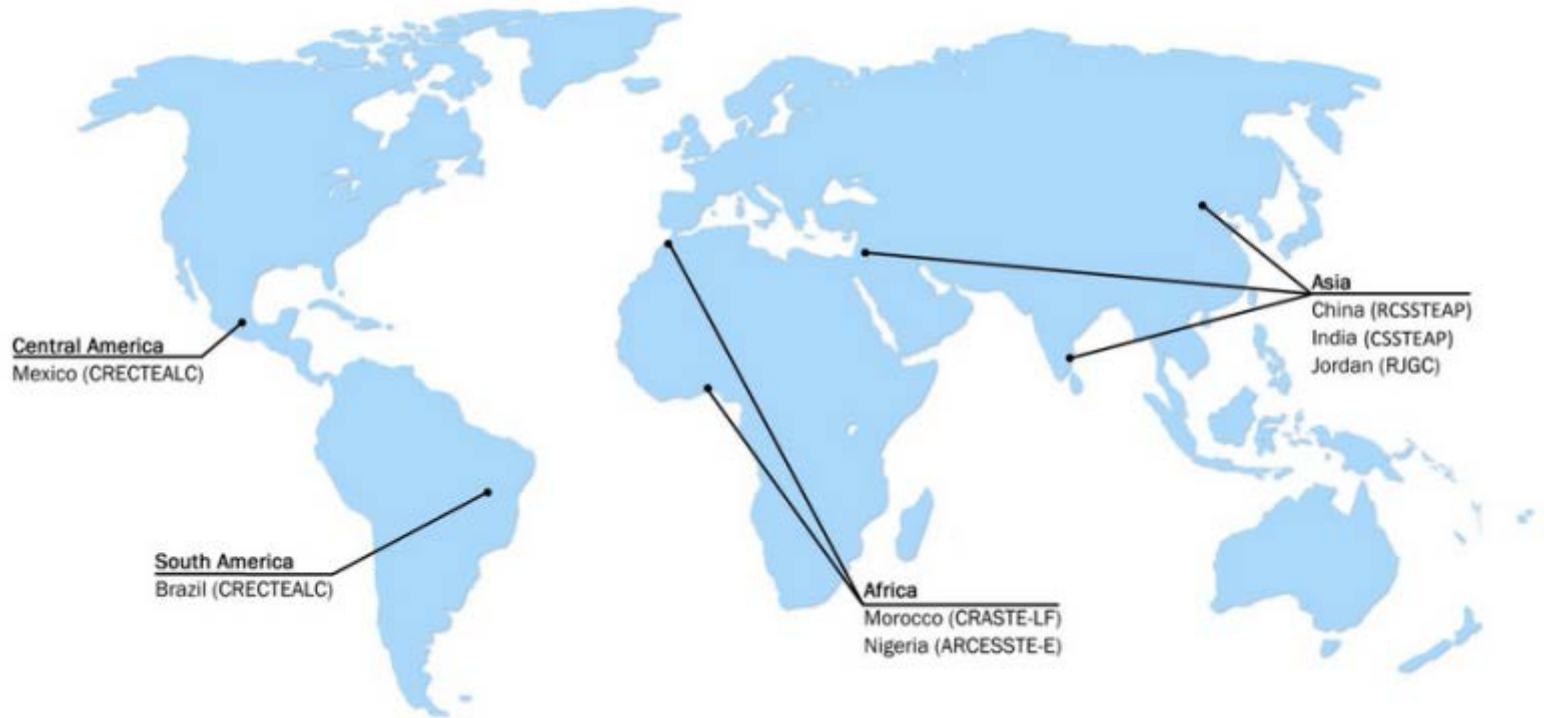
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*Meeting of the Directors of the UN Regional Centres
will be held on 13-14 June, 2017
Room C0431, Vienna International Centre*

Objectives of the Centres (Re: A/AC.105/749 & A/AC.105/782)

In order to translate the recommendations of the Committee and the General Assembly into an operational programme, the Programme on Space Applications initiated a project aimed at the establishment of regional centres for space science and technology education at existing research and higher education institutions in each region covered by the United Nations Economic Commissions: Africa, Asia and the Pacific, Europe, Latin America and the Caribbean, and Western Asia.

Regional Centres for Space Science and Technology Education
(affiliated to the United Nations)



CSSTEAP India
(inaugurated in
1995)

CRASTE-LF
Morocco
(inaugurated in
1998)

ARCESSTE-E
Nigeria
(inaugurated in
1998)

CRECTEALC
Mexico and Brazil
(inaugurated in
2003)

RCSSTEWA /
RJGC Jordan
(inaugurated on 29
May 2012)

RCCSTEAP China
(inaugurated in
2014)

***T**he principal goal of each centre is the development of the skills and knowledge of university educators and research and applications scientists, through rigorous theory, research, applications, field exercises, and pilot projects in those aspects of space science and technology that can contribute to sustainable development in each country.*

The initial programmes of each centre focused on the following four core disciplines:

- remote sensing and geographic information systems;*
- meteorological satellite applications;*
- satellite communications and geopositioning systems;*
- space and atmospheric sciences.*

With the increasing demand for space applications, the following core disciplines were added:

- global navigation satellite systems;*
- basic space science and technology (Micro-satellite technology);*
- space law and policy, etc.*

According to rough estimation, the regional centres have trained hundreds of graduates through degree programmes and thousands of participants through short training programmes in the related fields of space technology and applications.

Established in Nov. 17, 2014



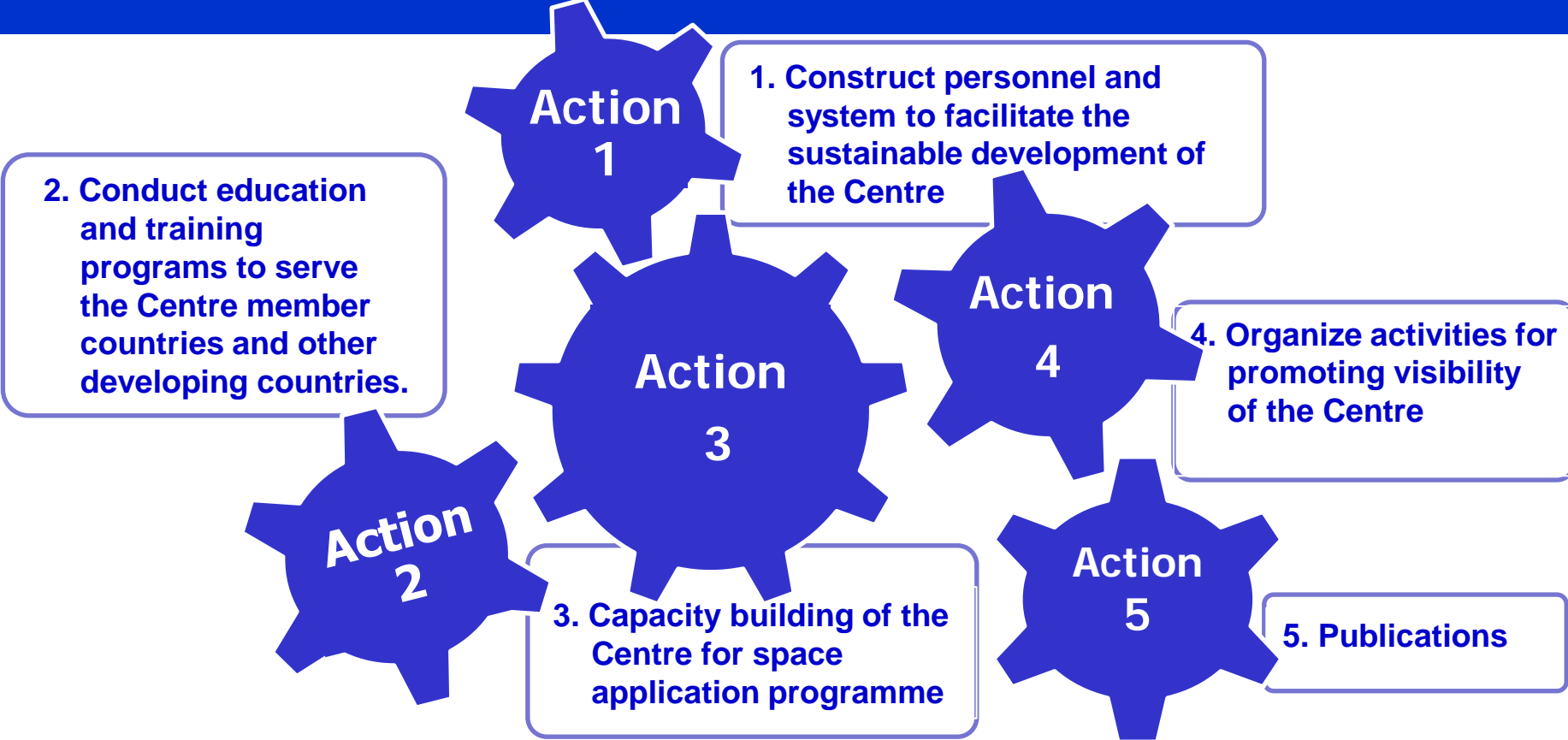
联合国附属空间科技教育亚太区域中心

Regional Centre for Space Science and Technology Education in Asia and the Pacific(China)
(Affiliated to the United Nations)



Ten Contracting Parties

Annual Work Plan — 5 Actions



1st Governing Boarding Meeting

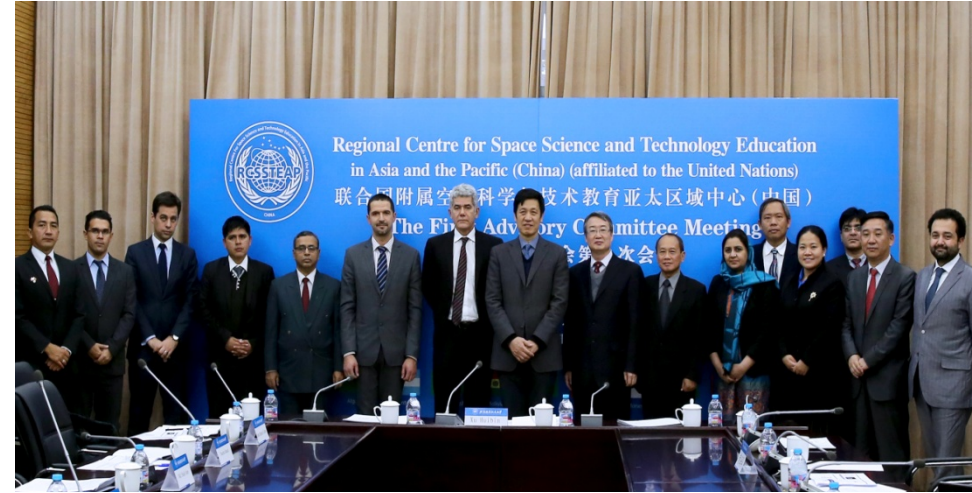


2nd Governing Board Meeting



Held on November 27th ,2015 in Beijing

1st Advisory Committee Meeting



Algeria



Argentina



Bangladesh



Bolivia



Brazil



China



Indonesia



Pakistan



Peru



Venezuela

December 6, 2016 in Beijing

*So far, we have cultivated **215** graduate students from **23** countries majoring in Space Technology Applications, among whom **95** students from **18** countries are now studying at Beihang University, the host institution of the Centre.*

*In addition, the Centre has organized more than **20** short training programmes together with APSCO, UNSPSIDER Beijing Office, ENAC, Las Engineering and Technology School of Ohio University, China Satellite Global Services Alliance and other partners, in which over **500** students have participated.*



Graduation
Ceremony
2016



China Great Wall
Industry Corporation

China Academy of
Space Technology

China Centre for
Resources Satellite
Data and Application

Shanghai Academy of
Spaceflight Technology

China Academy of
Launch Vehicle Technology

中国航天



BeiDou Navigation
Satellite System

UniStrong
合众思壮

Beijing UniStrong
Co., Ltd.

北斗星通
BDStar Navigation

Beijing BDStar
Navigation Co., Ltd.

ChinaRS 中科遥感

ChinaRS Geoinformatics
Co., Ltd.



Beijing Aerospace TITAN
Technology Co., Ltd.



Twenty First Century
Aerospace Technology
Co., Ltd.



APSCO
ASIA-PACIFIC SPACE COOPERATION ORGANIZATION



NDRCC
民政部国家减灾中心



UN-SPIDER
Beijing Office



International Centre on Space Technologies for
Natural and Cultural Heritage
under the auspices of UNESCO

NSSC
中国科学院国家空间科学中心
National Space Science Center - CAS



Space Debris Observation
and Data Application Center
China National Space Administration



National Satellite
Meteorological Center



Institute of Remote
Sensing and Digital Earth



National Astronomical
Observatories Chinese
Academy of Sciences



National Time
Service Center



Down to the Earth while Aiming High



Algeria



Argentina



Bangladesh



Bolivia



Brazil



China



Indonesia



Pakistan



Peru



Venezuela



WeChat: UN_Centre



WECHAT

Website: <http://www.rcssteap.org>



WEBSITE

*Space technology is a significant means for developing countries to improve **national strength** and achieve **leapfrog development**.*

Capacity Building in Education and training is still cannot satisfy the increasing demand in the developing countries.

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*To understand of the other regional centres
and member states of RCSSTEAP*

- *Status*
- *Demands*
- *Development Plan*

Map of UN-Regional Centres



1st Forum on Space Technology Applications



CNSA



Algeria



Bangladesh



Bolivia



Brail



China



Indonesia



Pakistan



Peru



Venezuela

December 6, 2016 in Beijing

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Topic of the Meeting of the Directors of the UN Regional Centres

Topics to be Discussed

- *Capacity Building for 21st Century*
- *Establishment of Regional Centre Alliance*
- *Ideas on contributions to UNISPACE +50 by Regional Centres*
- *Best Practices and Distance Learning Programmes*
- *Curricula: status and future updates*
- *Opportunities and challenges*
-



Flying with the wings of art

“艺术插上翅膀”——航天教育雕塑展

58th COPUOS, China Delegation
中国联合国空间委员会中国代表团

Thank you for your attention!

联合国附属空间科学与技术教育亚太区域中心（中国）
Regional Centre for Space Science and Technology Education in Asia and the Pacific (China)
(Affiliated to the United Nations)