



开放  
Openness

创新  
Innovation

包容  
Inclusiveness

# 联合国附属 空间科技教育 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)



Algeria



Argentina



Bangladesh



Bolivia



Brazil



China



Indonesia



Pakistan



Peru



Venezuela

仰望星空 脚踏实地

Down to the Earth while Aiming High



## INTRODUCTION to RCSSTEAP

Regional Centre for Space Science and Technology Education in Asia and the Pacific (China) (Affiliated to the United Nations) (RCSSTEAP for short) was established in November 2014. The Centre is located at Beihang University, Beijing, China. The Centre, as an education and training entity supported by the Committee on the Peaceful Uses of Outer Space (COPUOS), seeks to contribute to the implementation of “Programme on Space Applications” promoted by COPUOS and to the enhancement of the education and training level as well as application capacity of space science and technology in the Member States of the Centre through capacity building, information communication, training programmes, etc.

Since its establishment, the Centre has adhered to the concept of “Down to the Earth while Aiming High”, taken “Cultivating high-level, innovative and international talents in space technology applications” as its mission, persisted in the development strategy of “Openness, Innovation and Inclusiveness”, and made unremitting efforts to realize the vision of “Promoting the peaceful use of space technologies for the benefit of all mankind”.

The Director shall take responsibility for the Centre under the leadership of the Governing Board. Ministry of Industry and Information Technology of the People’s Republic of China (MIIT) is the leading organization of the Centre, while China National Space Administration (CNSA) is the Centre’s operational guiding organization, and Beihang University is the Centre’s host organization. Since its establishment, the Centre has held six (6) Governing Board Meetings and three (3) Advisory Committee Meetings.

The main education and training fields of the Centre include Remote Sensing and Geographic Information System (RS&GIS), Satellite Communications, Global Navigation Satellite Systems (GNSS), Micro-satellite Technology, Space Law and Policy, Space Science and Environment, Space Project Management, etc. As of September 2024, the Centre has trained three hundred and ninety-five (395) MASTA&DOCSTA



participants for thirty-three (33) developing countries. Those participants, mainly recommended by Asia-Pacific Space Cooperation Organization (APSCO), RCSSTEAP Member States, space-related agencies and government departments, are the professionals or the backup talents in related fields in their home countries. While utilizing degree education resources, the Centre has actively expanded its cooperation and jointly organized short-term training programmes with other organizations. As of September 2024, the Centre has organized more than thirty(30) short training programmes with over two thousand (2,000) participants from more than seventy (70) countries.

Relying on Beihang’s disciplinary advantages and international academic experience, the Centre recruits teachers globally. Since 2015, the Centre has invited a total of more than thirty (30) international experts and over one hundred and forty (140) domestic experts to give lectures to the participants, which were taught in English. The Centre has established extensive cooperation with space industries. A variety of internships and hands-on opportunities are provided to the participants.

At present, the Centre has ten (10) Member States including Algeria, Argentina, Bangladesh, Bolivia, Brazil, China, Indonesia, Pakistan, Peru, and Venezuela.





Campus



Canteen



Library



Smart Classroom

Dormitory

## 简介

联合国附属空间科技教育亚太区域中心（中国）（简称“中心”）成立于2014年11月，设立在中国北京航空航天大学。中心作为联合国外空委支持的教育培训实体，旨在通过能力建设、信息交流、教育培训等形式，为外空委“空间应用方案”的实施作出贡献，为提升中心成员国空间科技教育培训水平和空间技术应用能力作出贡献。

自成立起，中心秉持“仰望星空，脚踏实地”的理念，以“培养高层次、创新型、国际化空间技术应用人才”为使命，坚持“开放、创新、包容”的发展策略，为实现“推动空间技术和平利用，造福人类”的愿景不懈努力。

中心实行理事会领导下的主任负责制。工业和信息化部是中心的领导机构，中国国家航天局是中心的业务指导机构，北京航空航天大学是中心的承办机构。自成立以来，中心已举办六次理事会、三次咨询委员会。



仰望星空 脚踏实地

Down to the Earth while Aiming High

中心主要教育培训领域包括遥感与地理信息系统、卫星通信、全球导航卫星系统、小卫星技术、空间法律与政策、空间科学与环境、航天项目管理等。截至2024年9月，中心已为33个发展中国家培养了395名硕士和博士研究生。学员主要由亚太空间合作组织、区域中心成员国、航天相关机构及政府部门选送，均为其所在国相关领域的专业人才或后备人才。在利用学位教育资源的同时，中心积极拓展合作，联合举办短期培训班。截至2024年9月，累计举办了30余期短期培训班，培训了来自70余个国家的学员两千余人。

依托北航的学科优势和国际教育基础，中心全球选聘师资。2015年至今，中心共聘请了30余名外籍专家和140余名国内专家为中心学员授课，采用全英文授课方式。中心与工业界结成了广泛的合作联盟，为学员提供多样化的实习和实践机会。

目前，中心的成员国有阿尔及利亚、阿根廷、孟加拉国、玻利维亚、巴西、中国、印度尼西亚、巴基斯坦、秘鲁、委内瑞拉10个国家。

## 里程碑 (MILESTONES)

### 2014

2014年3月，中国国务院总理亲自批准了在中国设立联合国附属空间科技教育亚太区域中心（中国）的请示。

2014年11月17日，中心理事会第一次会议在中国北京召开。推举中国国家航天局局长、工业和信息化部副部长任中心理事会主席。

In March 2014, Premier of People's Republic of China approved the establishment of the Centre in China.

On November 17, 2014, the first meeting of the Governing Board was held in Beijing. Administrator of China National Space Administration (CNSA), Deputy Minister of Ministry of Industry and Information Technology of China (MIIT), was appointed as the chairperson of the Governing Board.

### 2015

2015年11月28日，中心理事会第二次会议在中国北京召开。推举北航校长徐惠彬院士任中心咨询委员会主任。同年6月，《让太空探索插上艺术的翅膀—中国航天成就绘画作品展》在维也纳联合国外空委总部莫扎特厅成功举办。

On November 28, 2015, the second meeting of the Governing Board was held in Beijing. Mr. Xu Huibin, President of Beihang University, was appointed as the chairperson of the Advisory Committee. In June, "Painting Exhibition on China's Space Exploration - Flying with the Wings of Art" was successfully held in the Mozart Hall of Vienna International Centre.

### 2016

2016年12月6日，中心咨询委员会第一次会议在北京召开。讨论了由北航区域中心提出的关于成立联合国区域中心联盟（ARC）的议案。

On December 6, 2016, the first Advisory Committee Meeting was held in Beijing. Proposal for Alliance of Regional Centres (ARC) initiated by RCSSTEAP was discussed.

### 2017

2017年11月29日，中心理事会第三次会议在中国北京召开。同年8月，首届“空间技术应用与教育南美论坛”在巴西航天局和巴西利亚大学成功举办。

On November 29, 2017, the third meeting of the Governing Board was held in Beijing. In August, "Southern Hemisphere Space Technology Application and Education Forum" was held successfully in Brazilian Space Agency (AEB) and University of Brasilia.

### 2018

2018年11月22日，中心咨询委员会第二次会议在北京召开。同年6月，北航区域中心牵头以区域中心联盟的名义在UNISPACE+50纪念活动中参展。

On November 22, 2018, the second Advisory Committee Meeting was held in Beijing. In June, ARC had its own booth so as to present the achievements of every Regional Centre in recent years and the development of the Alliance in the UNISPACE+50 Aerospace Exhibition.

### 2019

2019年12月9日，区域中心理事会第四次会议及成立五周年纪念活动在北京举行。同期举办了区域中心主任会议和空间教育国际合作论坛。

On December 9, 2019, the fourth meeting of the Governing Board and the fifth Anniversary of its establishment were held in Beijing. Meeting of the Directors of the UN Centres and Forum on Cooperation in Space Education were held during the same period.

### 2020

2020年12月30日-2021年1月20日，区域中心咨询委员会第三次会议通过邮件形式举办。

From December 30, 2020, to January 20, 2021, the third Advisory Committee Meeting was held via E-mail.

### 2021

2021年10月14日18时51分，亚太空间合作组织大学生小卫星-1 (APSCO SSS-1, 简称为“北航亚太一号”) 在我国山西太原发射场搭乘长征二号丁运载火箭成功发射。

At 18:51 on October 14, 2021, APSCO Student Small Satellite-1 (APSCO SSS-1) was successfully launched aboard a LM-2D carrier rocket from Taiyuan Satellite Launch Center in Shanxi, China.

### 2022

2022年1月21日-2月22日，区域中心理事会第五次会议通过邮件形式举办。

From January 21 to February 22, 2022, the fifth meeting of the Governing Board was held via E-mail.

### 2023

2023年9月，航天项目管理专业方向招收首届学生。

In September 2023, the major direction "Space Project Management" enrolled students for the first time.

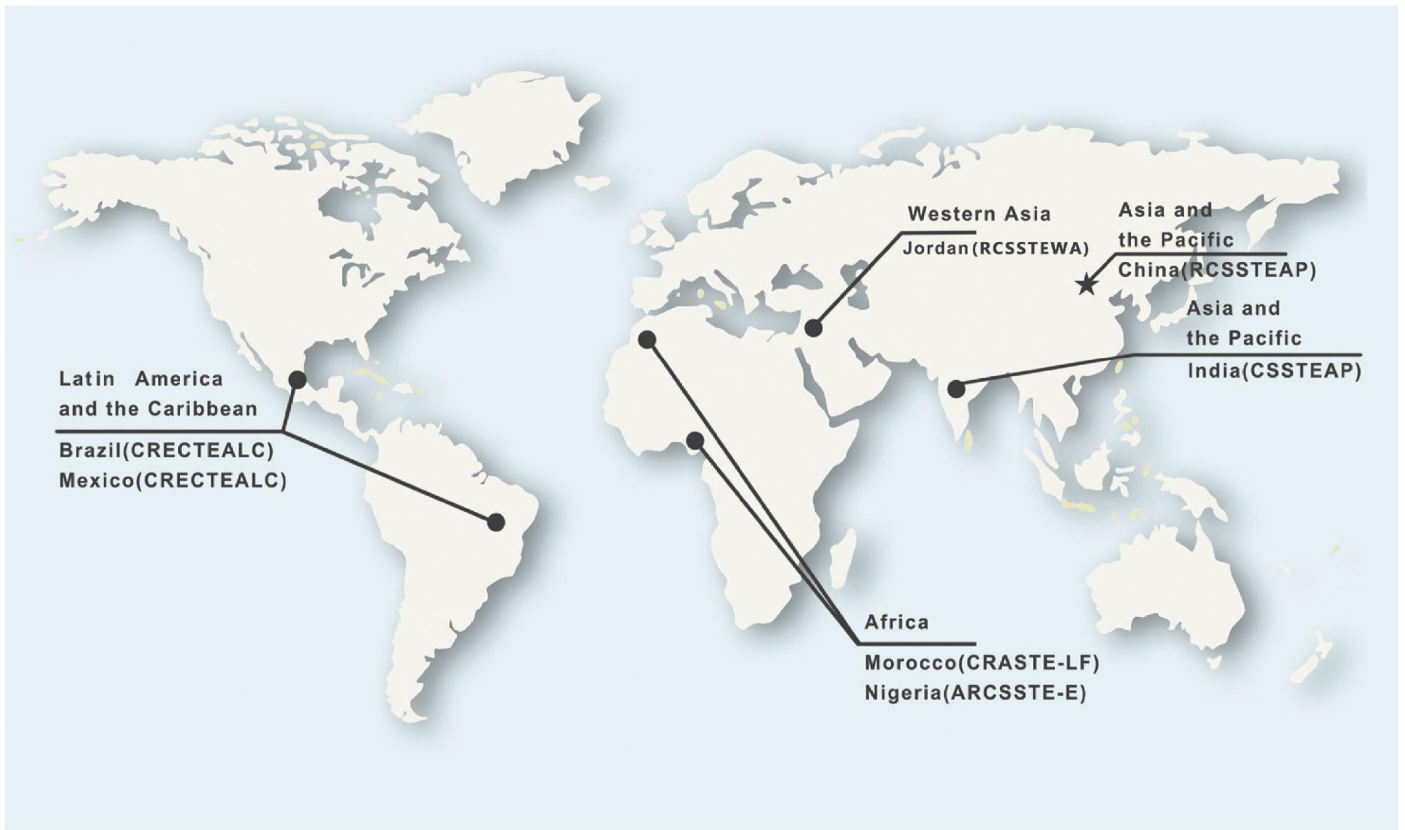
### 2024

2024年4月22日，联合国附属空间科技教育亚太区域中心（中国）理事会第六次会议在北航如心会议中心举行。

On April 22, 2024, the sixth meeting of the Governing Board was held at Beihang University.



## Map of the UN Regional Centres



### • Mission of the UN Regional Centre

To assist participating countries in developing and enhancing the knowledge and skills of their citizens in relevant aspects of space science and technology in order that such individuals can effectively contribute national development space programmes.

### • Affiliated to the United Nations

The Centre has signed a cooperative agreement with the United Nations which states that the United Nations will cooperative with the Centre by providing expert advice, educational curricula, technical support, necessary documentation and other appropriate support.

## Campus Life





## • Name List of the Governing Board Members from Contracting Parties

No.	Title	Name	Gender	Country	Affiliation&Position
1	Chairperson	Zhang Kejian	Male	China	Administrator of China National Space Administration(CNSA)
2	Member	LANSARI Abdeldjelil	Male	Algeria	Director of International Cooperation, Algerian Space Agency (ASAL)
3	Member	Sandra TORRUSIO	Female	Argentina	Manager of Technological Liaisons, National Commission on Space Activities (CONAE)
4	Member	Mizanur Rahman	Male	Bangladesh	Chairman of Bangladesh Space Research and Remote Sensing Organization (SPARRSO)
5	Member	Farid Velasquez Barron	Male	Bolivia	Space Engineer of Bolivian Space Agency (ABE)
6	Member	Marco Antonio Chamon	Male	Brazil	President of Brazilian Space Agency (AEB)
7	Member	Erna Sri Adiningsih	Female	Indonesia	Executive Director of Secretariat of Indonesian Space Agency (INASA)
8	Member	Zafar Iqbal	Male	Pakistan	Member of Space Applications Research (SAR) , Pakistan Space and Upper Atmosphere Research Commission (SUPARCO)
9	Member	Roberto Antonio Melgar Sheen	Male	Peru	Head of Space Agency of Peru - CONIDA
10	Member	Adolfo José Godoy Pernía	Male	Venezuela	President of Bolivarian Agency For Space Activities (ABAE)

## • Observers

United Nations Office For Outer Space Affairs (UNOOSA)

Asia-Pacific Space Cooperation Organization (APSCO)



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The 1st Industry-Education Integration Forum in Hangzhou

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