

15th Meeting of the International Committee on Global Navigation Satellite Systems







- International Education
- Exchange & Cooperation
- Capacity Building
- 04 Progress in COVID-19











International Education

1. Postgraduate Program

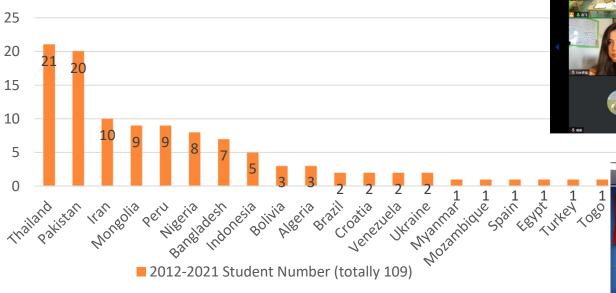
Year	Number	Countries of Participants		
2012	20	Indonesia, Iran, Mongolia, Pakistan, Peru, Spain, Thailand		
2013	15	Bangladesh, Indonesia, Iran, Mongolia, Pakistan, Peru, Thailand		
2014	13	Bangladesh, Indonesia, Iran, Mongolia, Nigeria, Pakistan, Peru, Thailand		
2015	11	Algeria, Bangladesh, Indonesia, Mozambique, Pakistan, Mongolia, Peru, Thailand		
2016	16	Bangladesh, Bolivia, Brazil, Croatia, Indonesia, Iran, Nigeria, Peru, Thailand, Ukraine, Venezuela		
2017	13	Bangladesh, Bolivia, Iran, Mongolia, Pakistan, Peru, Thailand, Turkey		
2018	10	Ethiopia, Indonesia, Iran, Nigeria, Pakistan, Peru, Turkey		
2019	15	Peru, Bolivia, Iran, Turkey, Mongolia, Myanmar, Nigeria, Pakistan, Togo, Egypt, Algeria		
2020	11	Algeria, Bolivia, Brazil, Indonesia, Laos, Pakistan, Peru, Thailand, Turkey, Venezuela		
2021	11	Algeria, Bolivia, Iran, Pakistan, Thailand, Turkey		

• 2012-2021, totally 135

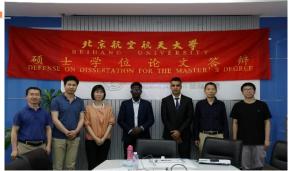


International Education

2. Degree Award















International Education

3. Training Activities

Series of Lectures on Space Technology Applications

(by UN Regional Centres in China and Jordan, May 14-June 9 2020)



Totally 375 trainee from 21 countries (Algeria, Bahrain, China, Egypt, Ethiopia, India, Iraq, Jordan, Kazakhstan, Kuwait, Lebanon, Morocco, Nigeria, Oman, Russia, Saudi Arabia, South Africa, Sudan, Syria, Tunisia, United Arab Emirates,)



International Education

3. Training Activities

Workshop on BDS/GNSS Technologies and Applications in Fighting COVID-2019

(by China-Arab BDS/GNSS center, July 6-7 2020)



Totally 135 trainee from 17 countries (Algeria, Bangladesh, Egypt, Israel, Iraq, Libya, Morocco, Nigeria, Pakistan, Palestine, Saudi Arabia, Tunisia, United Arab Emirates, Jordan and China



International Education

3. Training Activities

GNSS/BDS Frontier Technologies and Applications

(by APSCO, Aug. 24-Sep. 5 2020)



Totally 88 trainee from 19 countries (Algeria, Bangladesh, Bolivia, China, Ethiopia, Iran, Indonesia, Jordan, Mongolia, Myanma, Nigeria, Pakistan, Peru, Russia, Turkey, Togo, Uzi, Vietnam)













Exchange & Cooperation

1. International Space Education Cooperation Forum (2019)

(Dec. 9, 2019 in Beijing)





Participants: Representative of UNOOSA, Directors of the UN Regional Centres, China National Space Administration, Beihang University

Exchange & Cooperation

2. China-Russia Cooperation Committee on Satellite Navigation (2020) (Sep. 11-28, 2020)





The 14th meeting of WG4

Subgroup meeting for Education and Training



Exchange & Cooperation

3. China-Arab BDS Cooperation Forum (2020)



Cooperation on training activities such as shortterm training, summer school and degree Program.







Exchange & Cooperation

4. China-Jordan Education Cooperation (2021)

THE ESTABLISHMENT OF THE CHINA-JORDAN JOINT BEIDOU/GNSS EDUCATION AND TRAINING CENTER AGENDA
WEDNESDAY, MARCH 24, 2021, 10 AM

- WELCOME SPEECH, DR. AWNI AL-KHASAWNEH.
- INTRODUCTION OF THE PROJECT BY DR. WENG
- DISCUSSION OF THE PROPOSAL TO ESTABLISH THE CHINA-JORDAN JOINT BEIDOU/GNSS EDUCATION AND TRAINING CENTER
- RECOMMENDATION AND CONCLUSION.

Discussion on the Establishment of China-Jordan joint BDS/GNSS Education and Training Center (Jordan)



Exchange & Cooperation

5. Education Cooperation with other countries

- China-Uzbekistan Cooperation (2020)
 - ✓ Joint GNSS Lab in TUIT
 - Network education and training platform
 - ✓ Degree program and training activities

China-Pakistan Cooperation (2021)

- ✓ For the past 10 years, 74 Pakistan graduates have got their degrees from Beihang University, 25 majoring in GNSS.
- ✓ Co-construction BeiDou Belt & Road School with NUST
- ✓ Cooperation with Institute of Space Technology (IST)













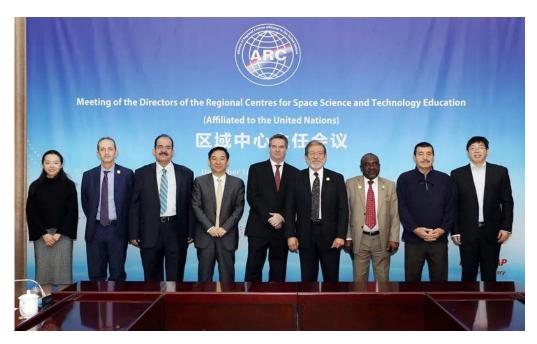
1. ICG Information Centre: RCSSTEAP (China)



The 4th meeting of the Governing Board and the 5th Anniversary Celebration of RCSSTEAP (China) (*Dec. 9, 2019*)

2. Alliance of Regional Centres (ARC)





Meeting of the Directors of the UN-Reginal Centres (*Dec. 10, 2019*)

3. Online Lectures

Online Lectures on the Frontiers of Space Technology Applications



No.	Course Name	Date
1	International Cooperation on Space Policy and Space Law-origin, development and future direction	Nov. 23-Dec. 14, 2020
2	Writing a Research Paper	April 14, 2021
3	The Space-time References of Beidou System	April 15, 2021
4	GNSS Reflections and Its Applications	May 13, 2021
5	Beidou High Precision Positioning: Progress and Application	May 20, 2021





Capacity Building

4. Experimental equipment



GNSS Simulator



RTK Antenna



GNSS Signal Collector



SLAM Platform



UAV System



2021 / Vol.001 / Total Vol.024

Exchange Promotion Development

5. Publications























Progress in COVID-19

1. Enrolment & Graduation

MASTA&DOCSTA 2021
Admission Announcement







Online + Offline Defense



Progress in COVID-19

- 2. Management & Services
- **Health Daily Report**
- **Open Ceremony**
- **Regular class meetings**









- Free masks providing
- **Online outpatient appointments**
- Online psychological counseling
- **Door-to-door photo collection**





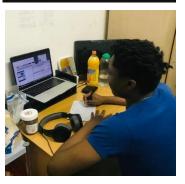
Progress in COVID-19

3. Online Teaching Scheme









- Live broadcasting online
- Video recording
- MOOC
- WeChat/learning materials

No.	Course	Hours	Score
1	Satellite Navigation Data Processing	32	2
2	GNSS Applications	16	1
3	GNSS New Technologies	16	1
4	Principle of Global Navigation Satellite Systems	32	2
5	GNSS Receiver Principles and Design	32	2
6	GNSS/INS Integration Navigation	16	1

Progress in COVID-19

4. Online activities

- **Long-Distance Book Club**
- A Food Trip Around the World
- **Studying at Beihang Days of Fighting the Epidemic**







It has been a roller coaster ride these past 2 years. I have seen highs and lows during my masters at Beihang but I have always been supported by my friends and colleagues here at this esteemed university. I would credit them for my success as much as I would credit myself. They are the real heroes. I would also like to thank my professors and the Beihang administration who were always a great source of help during difficult times and made it easier for us to work to our best potential. Thank you for everything.



MUHAMMAD USAMA SOHAJI. Pakurar

Dear Beihang, you gave me not only precious knowledge but also beautiful experiences and friends for life, I will always carry you in my heart and I will dream about my Beihang home every step and every day. We will meet again my sweet home.



Building 13 & 14, Section 3, No. 188, South West Fourth Ring, Fengtai District, Beijing, China, 100070 Tel: 86-10-6370 2677 Fax: 86-10-6370 2286 E-mail: secretariat@apsco.int

April 15, 2020

Dr. Huang Haijun Vice President of Beihang University

CC: Dr. Weng Jingnong Dean of the International School, Beihang University Fax: +86 10 82339326

Dear Dr. Huang Haijun,

Greetings from APSCO Secretariat!

On behalf of APSCO, I would like to express my deep appreciation for your strong support and contribution for the outstanding success of the management of international students in Beihang University, since the outbreak of the COVID-19.

I would also like to convey my appreciation to all resource people from Beihang University, who have made invaluable contribution for the success of the students management during the outbreak of the COVID-19.

I believe that we can work closely to better protect the students and create safe environment, and I make sure that we will have more fruitful and reciprocally beneficial collaboration between our two organizations in the future.

Sincerely Yours,

Dr. Li Xiniun Secretary-General. Asia-Pacific Space Cooperation Organization (APSCO)

http://www.apsco.int







