GNSS Education and Training Progress in 2016

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International School, Beihang University
Regional Centre for Space Science and Technology Education in Asia and the Pacific (China) (Affiliated to the United Nations)

November, 2016   Sochi, Russia
1 Overview

2 Education and Training

3 Capacity Building

4 International Exchanges
Overview

Beihang International Space Education Center (2004)

- Ministry of Education approved the establishment of graduate international program for space technology applications at Beihang University in 2006

Beidou International Exchange and Training Centre (2012)

Asia-Pacific Space Cooperation Organization Education and Training Center in China (2013)

The Regional Centre for Space Science and Technology Education in Asia and the Pacific (China) (Affiliated to the United Nations) (2014)
Status of RCSSTEAP

10 Contracting Parties
2.1 Degree Programs

19 students graduated in June 2016.

Master’s Degree: 17
- GNSS 9
- SATCOM 4
- Micro-Satellite 4

Doctoral Degree: 2
## 2.1 Degree Programs

### Master/ Ph.D Degree Programs 2016

<table>
<thead>
<tr>
<th>Program</th>
<th>Applicants</th>
<th>Accepted</th>
<th>Counties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remote Sensing and GIS</td>
<td>75</td>
<td>60</td>
<td>11</td>
</tr>
<tr>
<td>Global Navigation Satellite Systems</td>
<td>15</td>
<td>17</td>
<td>14</td>
</tr>
<tr>
<td>Space Law and Policy</td>
<td>15</td>
<td>15</td>
<td>10</td>
</tr>
</tbody>
</table>

Accepted 14 Ph.D Candidates in Space Technology Application from 9 Countries

All courses are offered in English
The candidates already registered at Beihang University in Sept. 2016
2.1 Degree Programs

Professional/Technical Visits
## 2.2 Short Training Programs in 2016

<table>
<thead>
<tr>
<th>No</th>
<th>Topic</th>
<th>Date</th>
<th>Participants</th>
<th>Counties</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>China Remote Sensing Technology and Data Applications</td>
<td>March 20-30</td>
<td>46</td>
<td>13</td>
</tr>
<tr>
<td>2</td>
<td>International GNSS Seminars &quot;GNSS Courses for curious minds&quot;</td>
<td>May 8-20</td>
<td>31</td>
<td>15</td>
</tr>
<tr>
<td>3</td>
<td>Beidou Technology and its Applications</td>
<td>July 11-30</td>
<td>37</td>
<td>15</td>
</tr>
<tr>
<td>4</td>
<td>Space-based Technologies for Flood and Drought Monitoring and Risk Assessment</td>
<td>Sept. 22-27</td>
<td>28</td>
<td>19</td>
</tr>
<tr>
<td>5</td>
<td>Space Information Engineering Application</td>
<td>Oct. 14-16</td>
<td>45</td>
<td>16</td>
</tr>
<tr>
<td>6</td>
<td>Navigation and Positioning Satellite System Design</td>
<td>Oct. 31-Nov. 8</td>
<td>30</td>
<td>12</td>
</tr>
</tbody>
</table>
Training Program on China Remote Sensing Technology and Data Applications


Participants: 46
Counties: 13
International GNSS Seminars "GNSS Courses for Curious Minds"

May 8-20, 2016

Participants: 31
Counties: 15
International Training Workshop on Beidou Technology and its Applications

July 11-30, 2016

Participants: 37
Counties: 15
International Training Course on Space-based Technologies for Flood and Drought Monitoring and Risk Assessment

Participants: 28
Counties: 19
International Training Course on Space Information Engineering Application


Participants: 45
Counties: 16
International Training Course on Navigation and Positioning Satellite System Design

Oct. 31-Nov. 8, 2016

Participants: 30

Counties: 12
International Workshop on GNSS

Aug.3-18, 2016  Held at Obafemi Awolowo University, Nigeria
1 Overview
2 Education and Training
3 Capacity Building
4 International Exchanges
Capacity Building

Seminar Room
International Experts in 2016

Andrew Dempster
Professor
Australia

Michael Braasch
Professor
U.S.A

Maarten Uijt de Haag
Professor
U.S.A

Olivier Julien
Doctor
France

Renato Filjar
Professor
Croatia

Macabiau Christophe
Doctor
France

Laurent Azoulai
Doctor
France

Liu Zhizhao
Professor
Hong Kong

Wang Jinling
Professor
Australia

Ling Keck Voon
Professor
Singapore
Books

- Global Navigation Satellite System - Principle and Applications
- GNSS Experiment
Website

http://www.rcssteap.org

Down to the Earth while Aiming High

Latest News

Training Course on China space remote sensing technology, 06/05 2016

LATEST ISSUE

News Article

GNSS Education and Training Progress in 2016
Newsletter
ABOUT RCSSTEAP

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

The Establishment of RCSSTEAP: November 17, 2014

Mission: Promoting the peaceful use of space technologies for the benefit of all humankind.

Vision: Down to the Earth while Aiming High

2013.2
The 50th session of Scientific and Technical Subcommission of UN Committee on the Peaceful Uses of Outer Space (COPUOS)

2013.6
The 55th session of COPUOS

2014.3
The State Council of China approved the proposal to establish the Center at Shengyang University

2014.6
The 56th conference of COPUOS

2014.7
Paid a visit to the Centre in Morocco

2014.9
Attended the 65th International Aeronautical Congress (IAC)

2014.10
Signed agreements with member states

2014.11
The Inauguration Ceremony: The 2nd Meeting of the Governing Board
Visit IIRS/CSSTEAP in India

January 4th-5th, 2016
Mr. Sergio Camacho Visit RCSSTEAP

Sept. 2016
Conference among the Belt and Road Countries about BDS Services

May 2016
The 53rd Session of STSC of UNCOPUOS

Feb. 2016
The 59th Session of UNCOPUOS

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)