Progress and Plan of the UN Regional Centre in China (RCSSTEAP)

Prof. Dr. HUANG Haijun
Vice President, Beihang University, Beijing, China

February 07, 2017 Vienna, Austria
Work Plan — 5 Actions

1. Construct personnel and system to facilitate the sustainable development of the Centre

2. Conduct education and training programs to serve the Centre member countries and other developing countries.

3. Capacity building of the Centre for space application programme

4. Organize activities for promoting visibility of the Centre

5. Publications
## Master's Programs

<table>
<thead>
<tr>
<th>Year</th>
<th>Research Direction</th>
<th>Participants</th>
<th>Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>Remote Sensing and Geographic Information Systems (RS&amp;GIS)</td>
<td>15</td>
<td>11</td>
</tr>
<tr>
<td>2016</td>
<td>Global Navigation Satellite System (GNSS)</td>
<td>11</td>
<td>10</td>
</tr>
<tr>
<td>2016</td>
<td>Space Law and Policy</td>
<td>10</td>
<td>7</td>
</tr>
</tbody>
</table>

Participants in total: 36  
Duration: Sep. 2016 —— June 2018

## Doctoral Program

<table>
<thead>
<tr>
<th>Year</th>
<th>Research Direction</th>
<th>Participants</th>
<th>Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>Space Technology Applications</td>
<td>13</td>
<td>9</td>
</tr>
</tbody>
</table>

Participants in total: 13  
Duration: Sep. 2016 —— Sep 2019
## Short Training Programs in 2016

<table>
<thead>
<tr>
<th>No.</th>
<th>Topic</th>
<th>Date</th>
<th>Participants</th>
<th>Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>China Remote Sensing Technology and Data Applications</td>
<td>Mar. 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>Jul. 11-30</td>
<td>37</td>
<td>15</td>
</tr>
<tr>
<td>4</td>
<td>Global Navigation Satellite Systems</td>
<td>Aug. 8-13</td>
<td>83</td>
<td>7</td>
</tr>
<tr>
<td>5</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>6</td>
<td>The &quot;Belt and Road Initiative&quot; Spatial Information Corridor Engineering Application</td>
<td>Oct. 14-16</td>
<td>45</td>
<td>16</td>
</tr>
<tr>
<td>7</td>
<td>Navigation and Positioning Satellite System Design</td>
<td>Oct. 31-Nov. 8</td>
<td>31</td>
<td>12</td>
</tr>
</tbody>
</table>

Participants in total: 301
The First Advisory Committee Meeting of RCSSTEAP

December 5-7, 2016 in Beijing

Agenda

• Reception Dinner by CNSA and Beihang University
• Space Application Forum by all member states representative
• Advisory Committee Meeting Session
• Visit to a Teenage Space Education Base

Algeria  Argentina  Bangladesh  Bolivia  Brazil  China  Indonesia  Pakistan  Peru  Venezuela
2017 New Year Reception Dinner

December 5, 2016 in Beijing

Mr. TIAN Yulong, Secretary General CNSA

Mr. XU Huibin, President Beihang University

Mr. Jose Raimundo Braga Coelho, President of Brazilian Space Agency
Forum on Space Technology Applications

December 6, 2016 in Beijing
The First Advisory Committee Meeting of RCSSTEAP

December 6, 2016 in Beijing
Visit the High School affiliated to Beihang University

December 7, 2016 in Beijing
Mr. Sergio Camacho Visit RCSSTEAP

Sept. 2016
Environment Perfection

Visiting Professor's Office
1 Progress 2016
2 Plan 2017
3 Proposals
Degree Programs in 2017

**Master Programs on Space Technology Application (MASTA)**
- Remote Sensing and Geo-information System (RS & GIS)
- Global Navigation Satellite System (GNSS)
- Micro-satellite Technology

**Doctoral Program on Space Technology Application (DOCSTA)**
- Space Technology Application

3 **CSC Scholarship Quotas for each member state**
Southern Hemisphere Space Technology Application and Education Forum

Duration: 6 days (include 2 days Tutorial Course)

Time: July or August, 2017
1. Progress 2016
2. Plan 2017
3. Proposals
1. To Establish a UN Regional Centre Alliance

Actions:

- Space Science and Technology Book Series
- To establish a University Forum on Space Technology Application to support the development of the UN Centres
- To organize the Director meeting of UN Regional Centres
- To Jointly contribute on the UNISPACE +50 initiative
2. Undergraduate Education on Space S&T

Beihang is launching on the establishment of a new School for educating international students on Space Science and Technology.

Duration: 4 years

Curriculums: 1-2 year for general education
3-4 year for speciality education on RS&GIS, GNSS, Small Satellite Technology, Satellite Communication, etc.

Teaching Language: English
Down to the Earth while Aiming High
WeChat: UN_Centre
Website: http://www.rcssteap.org
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)