Human Resource Development in Africa

Shinsaku Nakamura, Takayoshi Fukuyo, Kazuyo Hirose & Tomomi Takeda

33rd Small Satellite Conference
Logan, Utah, United States
August 3, 2019
SMART Africa, African ICT Revolution

54 Countries → 5 Regions → 1 Digital Market

Reference: https://smartafrica.org/
EO Data

Human Resource Developments on Space Activities as African & Japanese Cooperation on Space Activities

SMART Africa (African Cooperation on Development with ICT)

Mitigating Climate Change
Achieving SDGs for Future

EO Data Utilization and Field Survey Trainings by Japan Space Systems

RWASAT-1 by Univ. of Tokyo

Zambia
## Overview of Capacity Building Program

- **2-week Course**
- Basic Remote Sensing Training in 1\textsuperscript{st} Week
- Individual Case Study in 2\textsuperscript{nd} Week
- Practical Field Survey in Hakone
- Ideathon (Group Work)
- Business Networking for Future
- Space Industry Symposium

<table>
<thead>
<tr>
<th>Date</th>
<th>AM 10:00 – 12:00</th>
<th>PM 13:30 – 17:00</th>
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<tbody>
<tr>
<td>Sept. 10</td>
<td>Introduction/Foundation</td>
<td>Basic Remote Sensing &amp; GIS Training</td>
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<tr>
<td>Sept. 11</td>
<td>Basic Remote Sensing &amp; GIS Training</td>
<td>Field Survey Training</td>
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<td>Special Lecture from Prof. Takahashi, Hokkaido Univ.</td>
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<td>Sept. 15</td>
<td>Special Filed Trip (Mt. Hakone)</td>
<td>Business Networking (At Vision), Mid-term Report</td>
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<td>Sept. 17</td>
<td>Individual Case Study (Optional)</td>
<td>Individual Case Study (Optional)</td>
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<td>Sept. 18</td>
<td>Ideathon</td>
<td>Remote Sensing &amp; GIS Course/System Development Course</td>
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<td>Sept. 20</td>
<td>Business Networking w/ Nippon Light Metal Company</td>
<td>Business Networking 1) Marubeni, 2) IHI Aerospace</td>
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<td>Sept. 21</td>
<td>Business Networking Visiting to JOGMEC</td>
<td>Final Presentation (13:30 – 16:00)/Farewell Party (17:00 - )</td>
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Activities in Africa (31 Countries as of Mar. 2019)
Authors

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Capacity Building Programs

ABE Initiative Internship 2016
ABE Initiative Internship 2017
ABE Initiative Internship 2018

Capacity Building in Indonesia
Capacity Building in Japan
Capacity Building in Peru

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