Space2030
SPACE FOR THE FUTURE, SPACE FOR ALL

ISU SHSSP-19 team project

Sandra Vogt
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University of
South Australia

INTERNATIONAL
SPACE UNIVERSITY

SHSSP19 – Adelaide, Australia

- Southern Hemisphere Space Studies Program (SHSSP)

- 14 January – 15 February 2019

- 46 participants from 13 countries

Team Project – Space2030

Mission Statement:

"To identify and recommend priority items to be included in the Space2030 Agenda from the perspective of the Economic South which advance the UN Sustainable Development Goals"

Space2030 – Project framework

The Economic South

- States south of or on the Tropic of Cancer

Sustainable Development Goals

- Space as a critical tool for advancing and measuring the SDGs

Space2030 Agenda: 4 pillars

Space Economy	Space Society	Space Accessibility	Space Diplomacy

Priority Items and Recommendations

Space Economy

Examples of Priority Items and Recommendations

- *Space technology, science and its applications are powerful tools for economic development and crucial drivers for the advancement of developing States in the Economic South*

  - Support space **entrepreneurship**
    - e.g. start-up **incubators**

  - Support use of space technologies and applications in areas that advance the SDGs
    - e.g. **clean energy**, **climate action**

Space Society

Examples of Priority Items and Recommendations

- *Space applications and services can benefit society at large, improving environmental management, quality of life and foster international cooperation*

  - **Disaster management**

  - **Food security**

  - **Carbon emissions monitoring**

Priority Items and Recommendations

Space Accessibility

Examples of Priority Items and Recommendations

- *Access to data, knowledge and technology is a pressing issue for many States in the Economic South*

  - Extend **capacity-building efforts** for the Economic South in the area of **space education**;

  - Increase global cooperation on the issue of satellite access for **remote education and teacher training**;

  - Encourage a discussion on **data sharing** between States and on how to make space data more readily available and free.

Space Diplomacy

Examples of Priority Items and Recommendations

- *Space diplomacy and cooperation are important for States in the Economic South seeking to develop their emerging space sectors*

  - Ensure **sustainability of outer space** activities and environment
    - e.g. active space debris removal;

  - Ensure **equitable orbital and spectrum access** for developing space nations.

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Thank you for your attention

On behalf of the TP Space2030 team:
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Electronic copies of the Executive Summary and the team report can be downloaded from the ISU Library website at https://isulibrary.isunet.edu/index.php?lvl=notice_display&id=10615