# Workshop on SocioEconomic Benefits of Space Resources Utilization - African Perspectives

**May 23-24, 2019**

**Multipurpose Centre**  
Department of International Relations & Cooperation (DIRCO)  
OR Tambo Building  
460 Soutpansberg Road, Rietondale, Pretoria

## Day 1 – May 23, 2019

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<th>Time</th>
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<td>0900</td>
<td><strong>Welcome</strong></td>
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|       | Dr. Val Munsami, Chief Executive Officer, South African National Space Agency (SANSA)  
       | Dr. Peter Martinez, Executive Director, Secure World Foundation (SWF) |
| 0915  | **Workshop Overview and Objectives**                                   |
|       | Mr. Ian Christensen, Director of Private Sector Programs, Secure World Foundation  
       | *Opening poll of audience*                                             |
| 0930  | **Session 1: Space Resources: Overview**                                |
|       | *Moderator – Val Munsami, SANSA*                                         |
|       | A general overview of the state of space resources, including scientific and business opportunities, as well as the policy and legal situation. |
|       | Speaker 1: Dr. Angel Abbud-Madrid, Director of the Center for Space Resources, Colorado School of Mines  
       | Speaker 2: Mr. Kyle Acierno, Vice President Global Sales & Strategy, ISPACE INC  
       | Speaker 3: Ms. V. Matlou, Chief Director: Economic and Social Development, Department of International Relations and Cooperation (DIRCO), South Africa  
       | Speaker 4: Ms. Pontsho Maruping, Chairperson, South African Council for Space Affairs  
       | Speaker 5: Mr. Joseph Mousel, Policy Officer - SpaceResources.lu, Luxembourg Space Agency |
| 1045  | **Break**                                                               |
**Session 2: African Space Entities Perspectives on Space Resources**  
*Moderator – Peter Martinez, Secure World Foundation*

Space resources related activities within local space agencies; ISRU and space exploration projects, activities related to planetary sciences; other perspectives on space resources

Speaker 1: Prof. Paul Baki, Director, School of Physical Sciences and Technology, Technical University of Kenya
Speaker 2: Ms. Fadahunsi-banjo Motolani D., Chief Legal Officer, National Space Research and Development Agency, Nigeria.
Speaker 3: Dr. Abdissa Yilma, Deputy Director General, Ethiopian Space Science and Technology Institute
Speaker 4: Mr. Meshack Ndiritu, African Union Commission

**1230** Lunch & Group Photo

**Session 3: Perspectives Related to Terrestrial Extractive Industry**  
*Moderator – Joseph Mousel, Luxembourg Space Agency*

Awareness of space resources activities within the terrestrial mining community. Perspectives on socioeconomic impact and benefit of terrestrial mining. Activities of the extractive industries related to social license to operate.

Speaker 1: Prof. Tracy-Lynn Humby, University of the Witwatersrand
Speaker 2: Dr. Claude Baissac, CEO, Eunomix
Speaker 3: Ms. Andiswa Mlisa, Managing Director Earth Observation, SANSA

**1430** Break

**Session 4: Options for Space Resources Capacity Building**  
*Moderator – Ian Christensen, Secure World Foundation*

Activities in capacity building related to space resources, including astronomy and space science. Education programs focused specifically on space resources.

Speaker 1: Dr. Angel Abbud-Madrid, Director of the Center for Space Resources, Colorado School of Mines
Speaker 2: Dr. Ganiyu I. Agbaje, Executive Director, African Regional Centre for Space Science & Technology Education (ARCSSTE-E)
Speaker 3: Dr. Lee-Anne McKinnell, Managing Director – Space Science, SANSA
Speaker 4: Mr. Ramasamy Venugopal, Operations Manager, IAU Office of Astronomy for Development

**1600** Wrap Up & Electronic Group Poll

**1630** Adjourn