

Deep Dive: Sustainability and Security of Space Infrastructure

Brian Weeden

Director of Program Planning, SWF



SECURE
WORLD
FOUNDATION

June 7, 2023

Indo-Pacific Geointelligence Forum



Who we are

- Secure World Foundation (SWF) is a **privately-funded operating foundation** that promotes cooperative solutions for space sustainability
- **Our vision:** The secure, sustainable, and peaceful uses of outer space that contribute to global stability on Earth
- **Our mission:** Secure World Foundation works with governments, industry, international organizations, and civil society to develop and promote ideas and actions to achieve the secure, sustainable, and peaceful uses of outer space benefiting Earth and all its peoples



Session Overview

- 0900 - 1030: Highlight talks with background on space sustainability and security
- 1030 – 1100: Group Q&A Discussion
- 1100 – 1200: Break
- 1200 – 1215: Counterspace threats
- 1215 – 1315: Panel discussion on Indo-Pacific Priorities for Space Security and Sustainability



Highlight Talks

[Ananya Narain](#), Vice President, GeoSpatial World

Socio-economic impact of ASATs on geospatial industry and space sustainability

[Jim Cooper](#), Senior System Engineer, COMSPOC Corporation

Overview of the space debris environment, congestion in space, and how they are impacted by large constellations and ASAT testing

[Duncan Blake](#), Lecturer in Space Law and Strategy, University of New South Wales, Canberra

Overview of space situational awareness and space traffic management as the foundation for understanding and addressing space sustainability and security.

[Jason Mallare](#), Vice President, Umbra

How space sustainability and security (including space debris and ASAT testing) impact satellite operators providing geointelligence solutions



Panel Discussion

- [Noelle Riza Castillo](#), Director of the Bureau of Space Policy and International Cooperation of the Philippine Space Agency
- [Aya Awamoto](#), Japan Space Policy Lead, Astroscale Holdings
- Caitlin Searle, Australian Space Agency
- [Ajey Lele](#), Institute for Defence Studies and Analysis
- **Moderator:** [Aditya Ramanathan](#), Research Fellow, the Takshashila Institution



SWF Summit for Space Sustainability!



- Only annual conference dedicated exclusively to space sustainability
- Location: Convene, 117 West 46th Street, New York City
- 400 in-person & 200+ online participants expected
- A mix of participatory panels, spotlight talks, keynotes, and special sessions aimed at young professionals
- Register at [SWFsummit.org](https://www.swfsummit.org)