



SPACE GENERATION
ADVISORY COUNCIL

Current Activities in the SGAC Space Law & Policy Project Group (SLP PG)

Maya Nasr & Alvaro Piris

**In Support of the United Nations
Programme on Space Applications**

SLP Leads Team



SPACE GENERATION
ADVISORY COUNCIL



Kyran Grattan
Co-Lead



Giuliana Rotola
Co-Lead



Maya Nasr
Research Coordinator



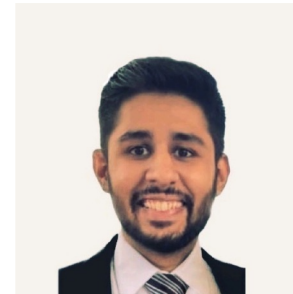
Alvaro Piris Cuiza
Research Coordinator



Nick Baracca
Membership Coordinator



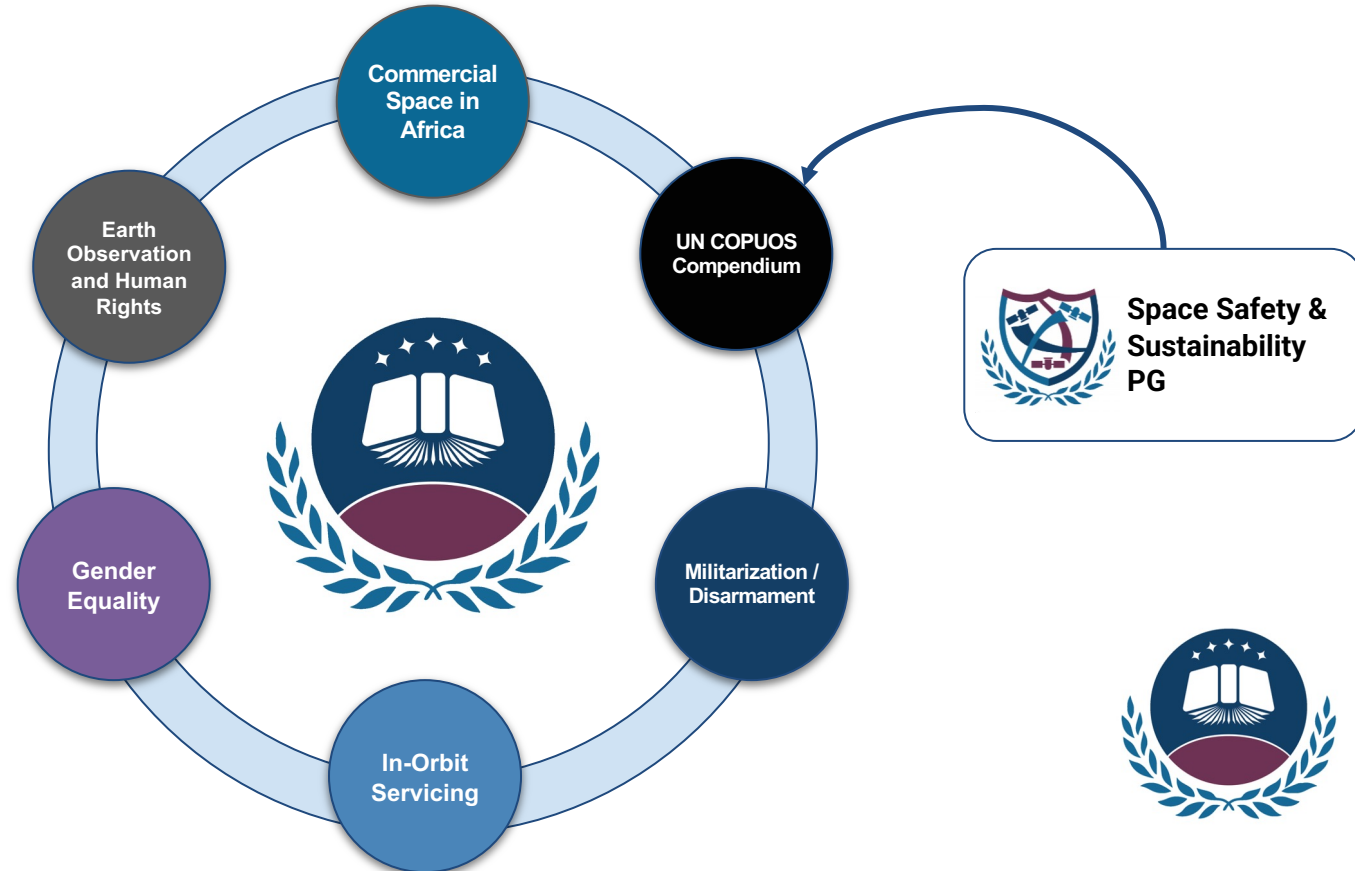
Victoria Heath
Comms Coordinator



Anmol Dhawan
Comms Coordinator



Project Teams



Commercialization in Africa



SPACE GENERATION
ADVISORY COUNCIL

Objective

Best Practices Framework For Developing Space Legislation in Africa

Leadership

Olaoluwa Oluwanifemi Awe
Jéssyka Maria Nuria Galvão



Description

- Develop a Best Practices framework for space legislation in African countries without it.
- Draw examples from other African countries or regions with similar socioeconomic resources.
- Explore the role of Intra-African Space Partnerships in space commercialization and regulation.
- Examine how Intra-African partnerships expand the African Union's collaboration with other institutions such as the EU and ASEAN.
- Highlight ethical concerns that may arise during the development and implementation of space legislation in Africa.

Deliverable

- Webinar with Moon Village Association (MVA) on Benefit Sharing of Space Resources in Africa
- White Paper on the project topic to be published on the SGAC website



Earth Obs. & Human Rights



SPACE GENERATION
ADVISORY COUNCIL

Objective

Satellite Earth Observation for Humanitarian and Environmental Challenges

Leadership

Ali Amhaz



Natalia de Oliveira



Description

- Remote sensing for disaster management, investigations, aid, air quality, conflict, and human rights.
- Legal, policy, and ethical considerations for human rights and environmental contexts.
- Proper laws and policies crucial for satellite imagery use.
- Satellite data essential for humanitarian and environmental challenges.

Deliverable

- Journal paper on remote sensing applications and legal/ethical implications for human rights and environmental issues.



Gender Equality



SPACE GENERATION
ADVISORY COUNCIL

Objective

Perspectives on Gender and Sexuality Equality in the Global Space Industry: A Comparative Analysis

Leadership

Asiimwe Joshua Opota



Lauren Rodriguez



Description

- Conduct a comparative analysis of gender and sexuality equality in the space industry across different regions.
- Use interview instruments to gather data for the study.
- Provide policy or best practice recommendations for space companies and government institutions.
- Focus on improving gender and sexuality equality in the space industry.

Deliverable

- Comparative analysis paper on gender and sexuality equality in the space industry across different regions.



In-orbit Servicing



SPACE GENERATION
ADVISORY COUNCIL

Objective

ICAO Principles for a Safe, Secure, and Sustainable Space Environment

Leadership

Quinn McKemey
Madison Walker



Description

- Analysis of the the incorporation of United Nations International Civil Aviation Organization (ICAO) principles into a hypothetical specialized UN agency for in-orbit servicing activity, safety, and security.
- Implementation of ICAO's structure (membership, jurisdiction, enforcement) and elements applicable to space activities, along with hurdles and proposed adoption procedures.
- The self-regulating entity aims to decrease ambiguity around best practices for safe and sustainable spaceflight, harmful interference, and space activities more broadly.

Deliverable

- Research paper on implementing ICAO principles for ensuring safe, secure and sustainable activity for in-orbit servicing.



Militarization / Disarmament



SPACE GENERATION
ADVISORY COUNCIL

Objective

The non-peaceful use of commercial satellites: existing issues and new challenges from a legal and policy perspective

Leadership

Nicolas Moraitis
Danilo delle Fave



Description

- Assess of the provisions of international space law treaties and other sources of international law, focusing on their legal significance in the conduct of space operations and their applicability during State warfare.
- Evaluate the legal status and consequences of actions against commercial space systems in bello and study past instances, decision-making processes, and strategic planning around those systems.
- Provide an overview of international initiatives for transparent utilization of dual-use technologies, arms control regimes in place, and actions taken to address the issue.

Deliverable

- Report analysing the issues and challenges of using commercial satellites for non-peaceful purposes in conflicts.



UN COPUOS Compendium



SPACE GENERATION
ADVISORY COUNCIL

Objective

Review of the UN COPUOS Space Debris Compendium (in collaboration with the SGAC Space Safety and Sustainability Project Group)

Leadership

Lauren Fleming

Veronica Moronese



Description

- Assess global regulatory approaches to debris mitigation from legal perspectives and characterise them according to a set of metrics.
- Provide recommendations on the design of legal and regulatory structures to ensure development of safe and sustainable practices in outer space and compliance with international norms of responsible behaviour.
- Promote regulatory reform towards the creation of comprehensive legal solution for space debris. Incentivise the standardization of debris mitigation practices.



Deliverable

- Research paper reviewing national legal mechanisms in the UN COPUOS Space Debris Compendium and providing recommendations to promote a global regulatory approach to space debris mitigation.



THANK YOU

Space Law and Policy PG: slp@spacegeneration.org
Membership: nick.barracca@spacegeneration.org

Alvaro PIRIS CUIZA: alvaro.piris@spacegeneration.org
Maya NASR: maya.nasr@spacegeneration.org



SPACE GENERATION
ADVISORY COUNCIL