

A FRAGMENTING REGIME??

Prospects for the Future of Outer Space Governance

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Space Security Index

Joint Panel Discussion of the First and Fourth Committees

12 October 2017

Space Security Index presents

Under Stress: Space Security in 2017



Opening Remarks:

Ambassador Rosemary McCarney, Permanent Representative of Canada to the United Nations in Geneva and the Conference on Disarmament

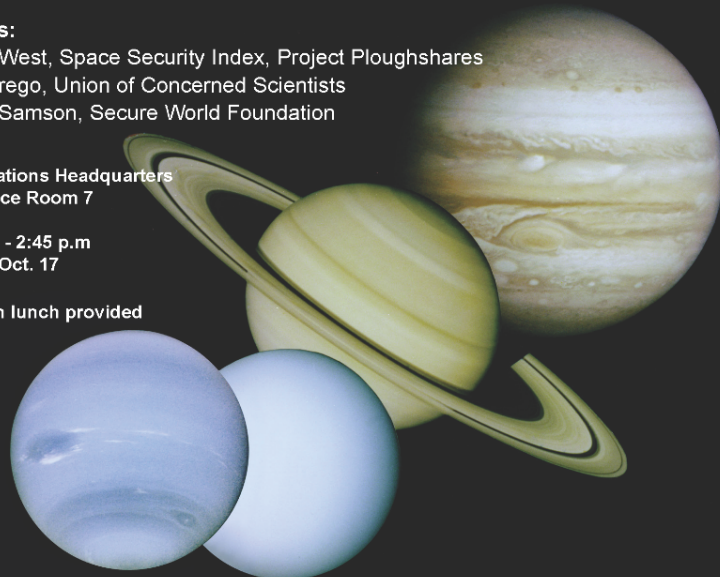
Analysis:

Jessica West, Space Security Index, Project Ploughshares
Laura Grego, Union of Concerned Scientists
Victoria Samson, Secure World Foundation

United Nations Headquarters
Conference Room 7

1:00 p.m. - 2:45 p.m.
Tuesday Oct. 17

Sandwich lunch provided



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Next week:



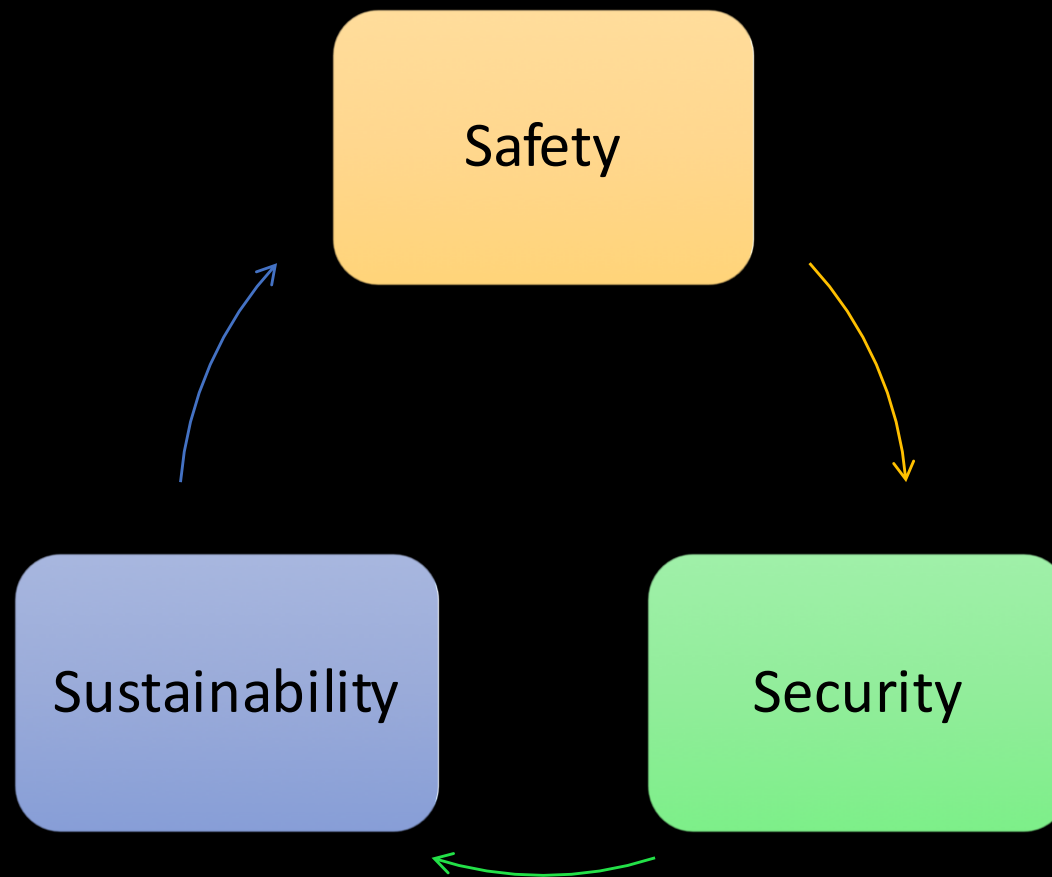
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Governance beyond the Outer Space Treaty: A fragmenting regime?

I will examine:

- Current challenges
- Governance trends
- Specific work of various UN bodies
- Proposals for moving forward

A comprehensive approach to the security of outer space



Strategic instability: risk of warfare

Rising geopolitical tensions

Demonstrations of potential weapons capabilities

Ambiguous technology i.e. maneuverability

Widespread jamming of satellites

Shift in national policies view outer space as domain of warfare

Failure to agree to new restraints

Bicycle v. Chain



Governance: there's a lot of it

Significant impact of national policies

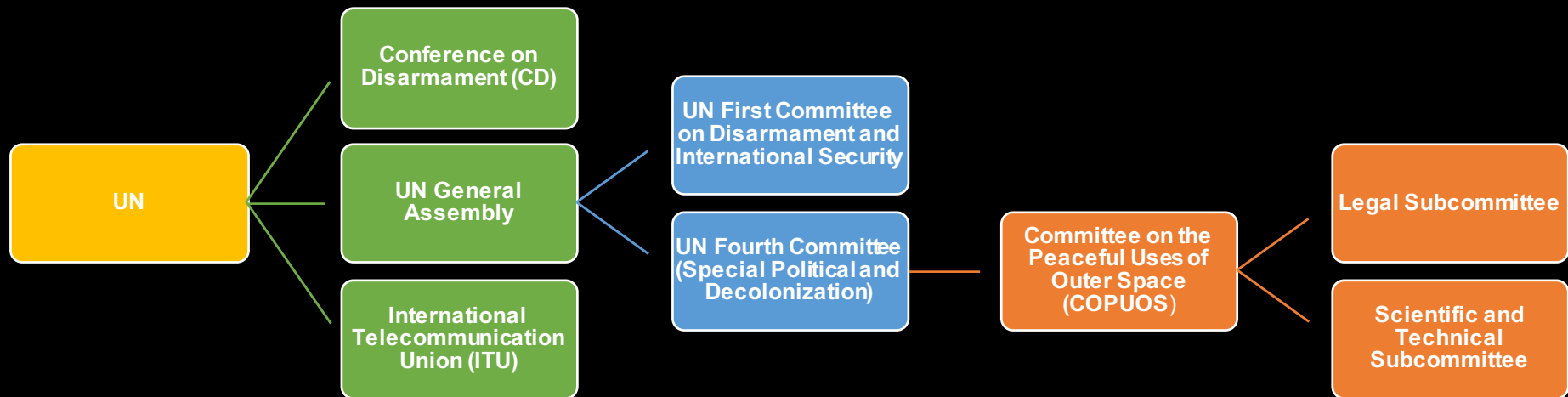
Growing role of private sector

Civil society and academic contributions

But: risk of fragmentation



Global leadership is also fragmented



COPUOS: safety and sustainability

Scientific and technical committee:

- Long-term sustainability guidelines
- Space debris
- Space weather
- Near Earth objects

Legal subcommittee

- Small satellites
- Space traffic management
- Exchange of views on utilization of space resources



COPUOS

UNOOSA: Cooperation and capacity building

Space Objects Register

UN-SPIDER (disasters and emergency response)

International Committee on Global Navigation Satellite Systems (ICG)

UN Space (technology for human development)

UNISPACE +50 (achieving Sustainable Development Goals)



UNITED NATIONS
Office for Outer Space Affairs

Security and arms control: retrenched inaction

CD: stalled for almost two decades

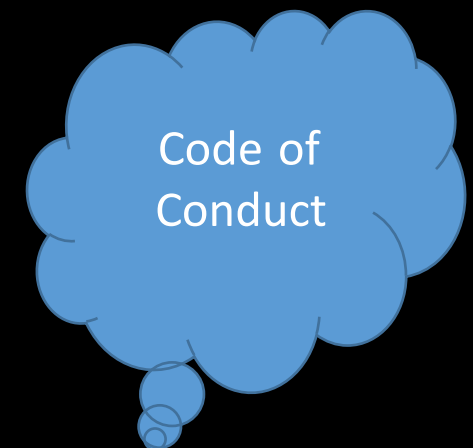
Sharp divides over PPWT and No First Use

Collapse of Code of Conduct process

BUT: clear points of consensus

Record of UNGA Resolutions related to outer space, 2016

Resolution number	Resolution name	Voting record		
		For	Against	Abstained
A/RES/71/90	International cooperation in the peaceful uses of outer space	Adopted without a vote		
A/RES/71/42	Transparency and confidence-building measures in outer space activities	Adopted without a vote		
A/RES/71/31	Prevention of an arms race in outer space	182	0	4
A/RES/71/32	No first placement of weapons in outer space	130	4	48



New proposals: a way forward?

A role for the UN Disarmament Commission?

- Institutional focus for TCBMs

Advancing PAROS?

- Group of Governmental Experts

Holding the pieces together

Enhanced coordination at the UN

Continued engagement with private sector and civil society

Encourage strategic restraint at the national level



Thank-you



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