

# Space governance: the role and contribution of international

Dr. Marco Ferrazzani
Legal Counsel and Head of the Legal Services Department
European Space Agency

intergovernmental organisations

**Director of the International Institute of Space Law** 

24 September 2019, Istanbul



#### **Outer Space: an International Endeavour**

- No sovereignty over Outer Space
- Large allocation of public resources (including technological ones) to advance Space activities
- Shared access to limited resources: frequencies, science data, meteo, geoinfo
- Coexistence of multiple players in Outer Space: gov't, science, commerce



COOPERATION FOR SHARED ACCESS AND USE OF OUTER SPACE





## **Cooperation: a central aspect** of space law

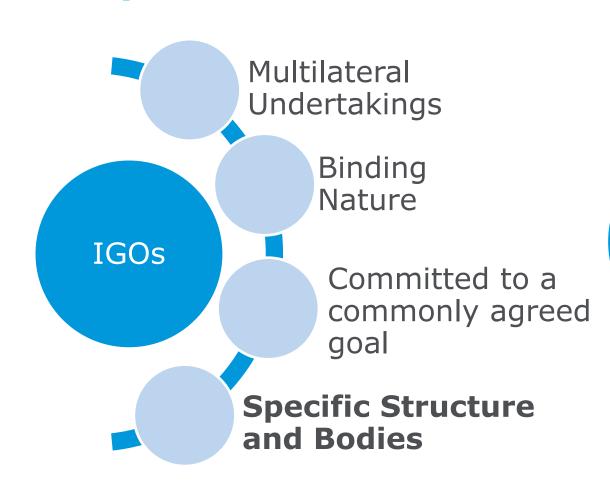
- to prevent outer space from becoming an area of conflict
- to distribute space benefits between spacefaring and non-space-faring States
- to advance the exploration and use of space through resources efficiency

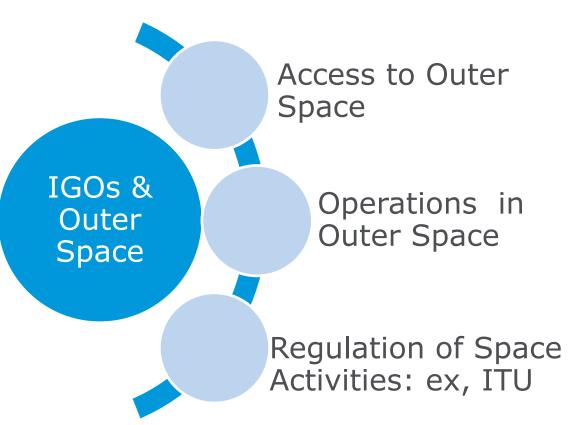


© NASA



### **IGOs: State-enabled fora for International Cooperation**



























**GFCS** 







































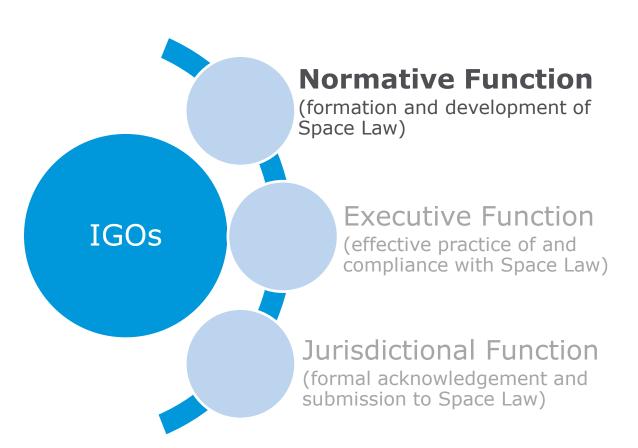








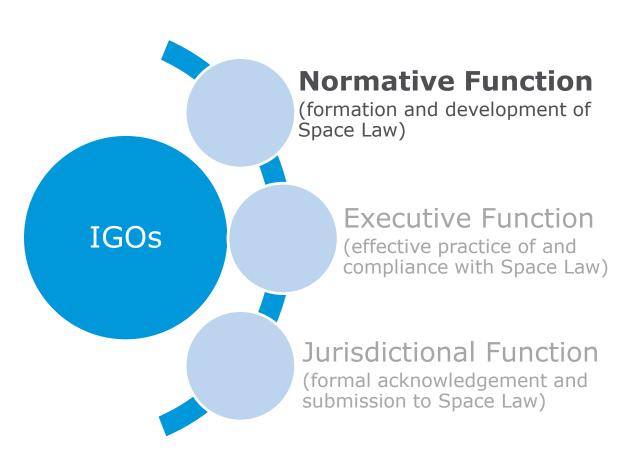
### The Role and Contributions of IGOs to Space Governance



- IGOs as States' tools to shape or maintain specialized space regimes, managed collectively by the States through specific and stable structures e.g., UN COPUOS, ITU, WMO, Disaster Charter
- IGOs as more responsive structures to the fast -evolving needs of Space actors (increasingly also of a technical nature), providing stable sets of rules, norms, standards, necessary for, among others, space access and management of scarce resources
- less political, more technical, result oriented cooperation approach



### The Role and Contributions of IGOs to Space Governance



- The normative role of IGOs is **still limited**:
  - Binding nature of rules produced limited to member states
  - Fragmentary body of rules, of an everevolving nature, not organic
  - Overlapping of mandates with other actors activities (even if arising to bypass inefficiencies of current IGOs)
  - Not a direct general source of International Law
- But, acknowledgement that customary practice in Outer Space coming from IGOs may have customary value



#### The Role and Contributions of IGOs to Space

#### **Governance**



- Carried out by several actors and arising from the implementation of national and international rules (including those not expressly mandated on Outer Space law) and the creation, by IGOs, of new international acts developing Space matters
- Effective practice of IGOs helps the formation of some universal values, preparing for the normative results, and the implementation of new mechanisms advancing cooperation on Space
- Some States get access to space benefits only via such IGOs



### The Role and Contributions of IGOs to Space Governance



- In the scope of the mandates attributed to them, **IGOs have adhered to** relevant international bodies of Space Law and, more recently, even **unilaterally submitting themselves to such rules** (e.g. Intersputnik and the OST)
- Having IGOs, under their discretionary appreciation and exercise of legal powers, confirming and applying a normative system of binding obligations clearly sends a message to other space actors on the **stability of those rules** and the existence of a "level playing field" to be respected by all space actors



#### **IGOs** in the current context for Outer Space

- Tug-of-war between multilateralism and unilateralism puts at stake the role of IGOs in Outer Space
- However, Outer Space is necessarily an international endeavor that requires cooperation between
   States to ensure that mankind benefits, as whole, from scarce resources
- IGOs, such as UN, building on their expertise, continue to be the best tool available to States for such cooperation as to achieve common goals for mankind

