

Law Issues and Public Awareness Related to Space Exploration (11)

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## TOWARDS THE INCREASING GLOBAL SPACE EXPLORATION: THE SPACE GOVERNANCE AND SPACE SUSTAINABILITY

### **Abstract**

Space exploration programs around the world have evolved dramatically over the last decades, while a space-based diplomacy is growing within a legal and regulatory framework. The scheme of global space governance formed gradually due to various threats to space activities. However main space-faring nations have different approaches, as well as space dominance and military strategies, which lead to the conversation of Transparency and Confidence-building Measures (TCBMs). This paper focuses on the legal concerns towards increasing global space explorations. It examines the space governance difficulties in the current situation with two different approaches to achieve the goal. It further explains the legal regime and principles of space exploration and the importance of long-term sustainability of outer space activities. It then concludes with some recommendation on behalf of the author of what measures could be taken in order to facilitate global space exploration and space sustainability.