



The Imperative for United States Engagement in a Global Space Debris Cleanup Program

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As the world becomes increasingly reliant on space-based technologies, the proliferation of space debris poses a significant threat to our shared orbital environment. The United States should proactively engage with other nations and initiate a comprehensive program to clean up the space debris problem. Space economic opportunities abound, but the promise of this important commercial domain is hindered by the growing space debris problem. The challenges posed by space debris, the importance of international cooperation, potential benefits, and a framework for a collaborative approach to address this pressing issue are expanded upon in this paper. By taking a leadership role in space debris cleanup, the United States can safeguard its space assets, promote peaceful space activities, and foster global cooperation in the realms of science, technology, and security.