

# 2020 Summit for Space Sustainability: What Comes Next?

June 2-3, 2020  
FHI 360 Conference Center  
1825 Connecticut Ave NW, Washington, DC 20009

<b>Day 1</b>
<b>Registration</b>
<b>Opening Welcome</b>
<b>Panel 1: Space Sustainability in Review: What Progress Have We Made and What Remains?</b> <i>This session will review the results of the audience voting at the 2019 Summit on the priority space sustainability issues and the progress made or not made over the last year in space sustainability and establishing specific norms. The panel will also discuss unresolved issues and remaining gaps across space sustainability challenges.</i>
<b>Keynote 1</b>
<b>Morning Coffee Break</b>
<b>Spotlight Talk: Perspectives on Space Sustainability</b>
<b>Panel 2: Money, Risk, Shame, and Reputation: Incenting Responsible Behavior in Space</b> <i>There has been much discussion about using positive and negative incentives to encourage responsible behavior in space but few practical proposals. This panel will discuss the pros and cons of the most talked-about ideas, as well as the role of third parties such as insurers, investors, and the public in enforcing behavior.</i>
<b>Networking Lunch</b>
<b>Spotlight Talk: Perspectives on Space Sustainability</b>
<b>Panel 3: Spectrum Governance: How Can We Better Optimize Usage for the Future?</b> <i>The growth in space applications and fifth-generation terrestrial networks has heightened tensions over radio-frequency spectrum use and congestion. This panel will explore how RF spectrum is governed, particularly internal to governments. Do we have a policy and governance structure for making decisions that optimizes spectrum usage across all industries from terrestrial wireless to aviation to satellites? How are decisions regarding spectrum policy and negotiating positions managed in other countries?</i>
<b>Afternoon Coffee Break</b>
<b>Spotlight Talk: Perspectives on Space Sustainability</b>

**Panel 4: Why America Should Engage in Space Arms Control**

*Arms control has traditionally been the main way of controlling and mitigating security challenges on Earth, yet poses significant challenges for dealing with the proliferation of counterspace capabilities. For much of the last forty years, the United States has either refused to consider space arms control measures or criticized existing proposals without offering any of their own. This discussion will focus on the merits and drawbacks to U.S. engagement and potential leadership on space arms control and discuss pragmatic proposals that could be advanced.*

**Close**

**Networking Reception**

**Day 2**

**Arrival**

**Keynote 2**

**Panel 5: Beyond Earth Orbit: Sustainability for Cislunar Activities**

*Much of the current discussion on space sustainability has focused on challenges and activities in Earth orbit, but as multiple countries and companies look to lunar exploration, there is a need to expand our thinking. This session will discuss the possible sustainability challenges from cislunar space activities, including lunar orbit traffic management, resource utilization, and non-interference.*

**Morning Coffee Break**

**Spotlight Talk: Perspectives on Space Sustainability**

**Interactive Tracks**

- What Do New Space Actors Need to Know to Use Space Responsibly and Sustainably?
- Next Steps on Orbital Debris
- Megaconstellations and Astronomy
- Improving Multilateral Diplomacy
- US-China Engagement

**Lunch**

**Panel 6: Everybody Wants a Space Force**

*Over the last several years, multiple countries have shown an increased interest in enhancing military space activities. While the public and media discussion has often focused on the , there are more legitimate reasons and rationales. However, there are still big questions about the impact conflict in outer space may have on space sustainability.*

**Closing**