

Solar System Recommendations





Overview

Which Solar System bodies are considered planetary protection precautions?

Solar system bodies for which NASA has considered Planetary Protection precautions include Venus; Earth; Earth's moon; Mars; Jupiter; Europa, Ganymede, and Callisto (moons of Jupiter); Titan and Enceladus (moons of Saturn); comets, and asteroids. Looking for educational resources related to Planetary Protection?

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Why is Solar System Research important?

Solar System research is essential for understanding the origin and evolution of planets, along with the conditions necessary for life. Center for Astrophysics | Harvard & Smithsonian scientists study the Solar System in many ways: Participating in current and next-generation astronomical surveys mapping a large part of the sky.

What planetary protection requirements are required by NASA?

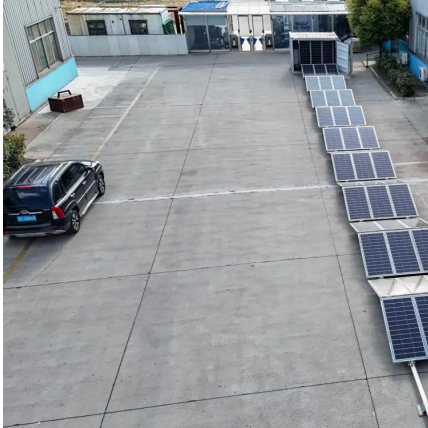
These include organic inventory and volatile reporting as required by NASA-STD-8719.27, Section 4.3, Implementing Planetary Protection Requirements for Space Flight, and post-launch/end-of-mission reporting as required by NASA 8715.24 Section 3.3, Planetary Protection Provisions for Robotic Extraterrestrial Missions.

How many planets are in our Solar System?

Our solar system includes eight planets. So far, Earth is the only place we've found life in our solar system. In addition to the planets, our solar system also includes the Sun, five officially named dwarf planets, hundreds of moons, and thousands of asteroids and comets.



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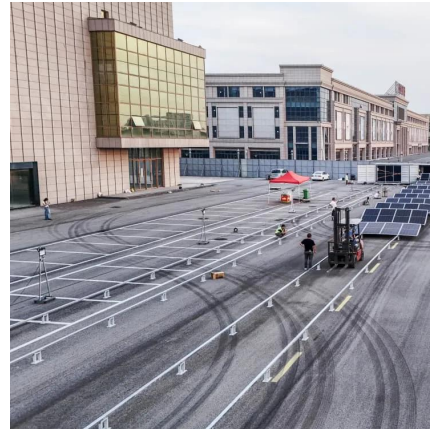
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