

Space for Earthlings

How Space capabilities affect life on Earth

JMill

January 15, 2024

Senior business leaders outside the space industry lack a working basis for judging which orbital capabilities matter to their organizations. Space for Earthlings closes that gap with the S.P.A.C.E. chart (Strategic Potential for Advanced Capabilities on Earth), an original framework that maps four space-derived capability domains (geospatial intelligence, communications, spatial positioning, and transfer of technology) against three levels of organizational commitment. Across nine articles, the framework organizes a tour of space as industrial infrastructure: satellite services already shape logistics, agriculture, mining, insurance, and supply chain risk on the ground. Retrospective case examples pair with forward-looking capability and price trends, closing with a self-assessment guide a leader can run against their own operations. The working question the series equips readers to answer is which space-derived capabilities will reach an affordable price point inside their planning horizon. This second edition adds the interactive S.P.A.C.E. chart, updated 2026 data, and cross-references across the collection.

Contents

Foundation

What the Space industry means for everyday business

- We are all Earthlings — <https://endeff.com/thrusts/space-for-earthlings#tee-ear-01>
- What is going on up there? — <https://endeff.com/thrusts/space-for-earthlings#tee-ear-02>
- How to think about new Space capabilities — <https://endeff.com/thrusts/space-for-earthlings#tee-ear-03>

Applications

How Space and Earth economies create value together

- Space for Earth and Earth for Space — <https://endeff.com/thrusts/space-for-earthlings#tee-ear-04>
- Tunable gravity — <https://endeff.com/thrusts/space-for-earthlings#tee-ear-05>

Strategy

Frameworks for Space-informed decision-making

- Self Assessment Guide for the Executive Earthling — <https://endeff.com/thrusts/space-for-earthlings#tee-ear-06>

- Is Space just cool, cold, and costly? — <https://endeff.com/thrusts/space-for-earthlings#tee-ear-07>

Case Studies

Real-world impact and the counter-arguments

- “Mining, the most ‘terrestrial’ sector, is changing due to Space” — <https://endeff.com/thrusts/space-for-earthlings#tee-ear-08>
- Reasons why an everyday Earthling could ignore Space — <https://endeff.com/thrusts/space-for-earthlings#tee-ear-09>

This document is the bibliographic record of the series. The full text is published online at <https://endeff.com/thrusts/space-for-earthlings>.

SUGGESTED CITATION

Miller, J. (2024). Space for Earthlings. The End Effector. <https://endeff.com/thrusts/space-for-earthlings> (2.0) <https://doi.org/10.67888/tee.bf8d1456>

DOI: 10.67888/tee.bf8d1456

<https://endeff.com/thrusts/space-for-earthlings>



Scan for the living
version