



COMMERCIAL SPACE STATIONS

GENESIS, GROWTH, AND EVOLUTION OF (PHYSICAL) PLATFORMS IN EXTREME ENVIRONMENTS

LATEST UPDATE: JUNE 2025

RESEARCH OBJECTIVE: WE AIM TO INVESTIGATE HOW COMMERCIAL SPACE STATION PLATFORMS EMERGE, GROW, AND EVOLVE IN EXTREME ENVIRONMENTS CHARACTERIZED BY HIGH RISK, REGULATORY COMPLEXITY, AND TECHNICAL CONSTRAINTS. OUR GOAL IS TO EXPLORE THE STRATEGIES THAT PLATFORM ORCHESTRATORS DEPLOY TO FOSTER INNOVATION AND GENERATIVITY. THIS INCLUDES EFFORTS TO MOBILIZE PARTICIPATION FROM NON-SPACE INDUSTRIES AND DEVELOP THE CRITICAL INFRASTRUCTURE NECESSARY TO SUPPORT LONG-TERM OPERATIONS AND SCALABILITY. WE ARE INTERESTED IN THE ROLE OF NETWORK EFFECTS, COMPLEMENTARITIES, AND GOVERNANCE APPROACHES IN SHAPING PLATFORM DEVELOPMENT, AND THE IMPLICATIONS FOR BOTH THEORY AND PRACTICE. ULTIMATELY, WE SEEK TO OFFER INSIGHTS THAT INFORM EFFECTIVE DESIGN, SUSTAINABILITY, AND GROWTH OF PHYSICAL PLATFORM ECOSYSTEMS.

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