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Author: Ms. Laman Rustamzada
Azerbaijan Architecture and Construction University (SABAH groups), Azerbaijan

BEYOND BOUNDARIES: "THE UNREAL VISION OF ADAPTABLE HABITATS ON MARS"

Abstract

Through the creation of humanity we always embraced the migratory lifestyle for different reasons. More or less for the same reasons we started exploring space and other planets. Hence we embark on the profound journey of exploring Mars, the innovative Movable Building Blocks concept emerges as a transformative solution, addressing the challenges posed by the planet's dynamic climate and the essential psychological needs of its future inhabitants. Moving beyond the apprehensions associated with Mars' extreme temperatures, high radiation levels, and unpredictable dust storms, this project champions a proactive, adaptable, and optimistic approach to the prospect of living on the Red Planet. Our proposal will carry all kinds of infrastructure and buildings from level of functional to functional and aesthetic.

At the core of our vision is the utilization of artificial intelligence to detect environmental challenges, employing smart monitoring tools in order to analyze the current situation of the environment and creating pleasant unreal vision for human beings. Because that might be a solid problem to adapt to an environment which is completely different from our nature and lifestyle on Earth.

However, our project extends beyond these practical considerations, acknowledging the profound impact of the Martian environment on human mental health. Immersive projection rooms within our movable structures serve as sanctuaries, addressing the psychological need for environmental variety. These spaces simulate diverse landscapes through video projections, incorporating real grass and green life. This deliberate effort not only fosters well-being during extended stays on Mars but also provides a tangible link to Earth's natural beauty, transcending the stark Martian landscape.

Envisioning a future on Mars, our concept introduces a futuristic spaceport designed to cater to the needs of space tourists and inhabitants. This central hub prioritizes sustainability in architectural design, incorporating eco-friendly materials, closed-loop systems, and energy-efficient solutions. The overarching goal is to create an unforgettable experience that transcends traditional space travel, emphasizing a harmonious coexistence with the extraterrestrial environment.

In conclusion, this comprehensive abstract posits that the idea of living on Mars should not evoke fear but should be embraced with optimism and innovation. The unreal nvision concept signifies more than just overcoming Martian challenges; it signifies redefining the boundaries of human resilience, exploration, and sustainability. As we strive to build adaptable habitats, we lay the foundation for a future where living on Mars is not only feasible but enriching—a testament to humanity's ability to thrive in diverse environments beyond Earth.