



Human Behaviors in Space Exploration Mission

Guest Editor:

Dr. Vadim Gushin

Institute for Biomedical
Problems, Russian Academy of
Sciences, 76A Khoroshevskoye
Shosse, 123007 Moscow, Russia

Deadline for manuscript
submissions:

closed (30 November 2023)

Message from the Guest Editor

Dear Colleagues,

If you are discussing astronauts' behavior, you must always mention at least three issues.

One is permanent stress caused by the threat to life and health, sensory and social deprivation, monotony, isolation and confinement. Therefore, when we speak about astronauts, we have to speak about coping with stress. Their behavior is determined by the effectiveness of their coping strategies, by their choice to avoid stress, to escape or to resolve the existing problems.

The second issue is the objective of every space flight. It is not an objective of the traveler, just to observe. They have to work in space to survive, to run life-supporting systems in their spaceship. Therefore, discussing behavior in space, we cannot help but mention professional performance and all the factors that determine success. They are cognitive skills, stamina, resilience, motivation, etc. Monitoring of the astronaut inflight is always targeted at their working capacity, performance mistakes, fatigue, sleep quality, etc.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Konstantinos Kontis

School of Engineering, University of Glasgow, James Watt Building South, University Avenue, Glasgow G12 8QQ, Scotland, UK

Message from the Editor-in-Chief

You are welcome to contribute a research article or a comprehensive review for consideration and publication in *Aerospace* (ISSN 2226-4310), an on-line, open access journal.

Aerospace adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Aerospace*) / CiteScore - Q2 (*Aerospace Engineering*)

Contact Us

Aerospace Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/aerospace
aerospace@mdpi.com
[X@Aerospace_MDPI](#)