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SPACE ANALOG COMMUNITY IN BRAZIL: THE CASE OF THE GERAÇÃO DE MARTE AND ITS
IMPACT ON BRAZILIAN YOUTH

Abstract

The volunteer project, called Geração de Marte (GM) or Mars Generation, was developed by a team of female analog astronauts from Brazil. The founders of this initiative were formed by Habitat Marte (HM), the habitat analog to Mars, located in Brazil. We have 124 members from diverse backgrounds, social classes, genders, and ages as of February 2024. The objective of the project is to popularize the astronautical field, as well as to promote the space exploration sector with Brazilian contributions, through the accessibility of opportunities in the STEAM field for all. In this way, a partnership has been established between GM and HM to carry out online missions with special discounts for the GM community, training members to design and manage technologies and extraplanetary habitats. The first mission was carried out, number 157 of the HM, with the title of Technologies for Lunar Infrastructures, because of mission Artemis. The online analog mission took place in January 2024 and we carried out a simple selection process for the first crew, using a form to better understand what each person's motivations were, where out of 14 participants, only 5 were selected and could participate for financial reasons. The opportunity provided by the partnership with a 20