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EXPLORING THE CONCEPT AND POTENTIAL OF SPACE MUSEUMS FOR PRESERVATION,
EDUCATION, AND TOURISM

Abstract

At the IAC 2022 Congress, we defined a space museum as a museum located more than 100 km above the ground. Additionally, we examined the requirements and proposed an attractive museum that people would want to visit even if they had to go to space. Space museums, like terrestrial museums, serve as places for the preservation, investigation, research, exhibition, dissemination, and education of materials valuable to humankind. While they are crucial as tourism resources, they also serve as social communities. Therefore, we present a survey of interest in and expectations of space museums in Japan. We investigated the level of interest in individual space museums such as art museums, memorial museums for creative works such as literature and video works, history museums, and museums related to natural history and science and technology. Additionally, we analyzed the degree to which space museums are useful as objectives of space travel. The survey also gathered opinions on issues such as organization, financial resources, legislation, and cooperation among nations.