Record Nr. UNINA9910853996603321 Autore Dominoni Annalisa Titolo Design for Sustainability and Inclusion in Space: How New European Bauhaus Principles Drive Nature & Parastronauts Projects / / by Annalisa Dominoni Pubbl/distr/stampa Springer International Publishing, 2024 Cham:,: Springer International Publishing:,: Imprint: Springer,, 2024 **ISBN** 3-031-56004-3 [1st ed. 2024.] Edizione 1 online resource (100 pages) Descrizione fisica PoliMI SpringerBriefs, , 2282-2585 Collana Disciplina 304.2 Soggetti Sustainability Technological innovations **Astronautics** Industrial design **Aesthetics** Innovation and Technology Management Space Exploration and Astronautics Industrial Design Outer space Exploration Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Space Design Meets the New European Bauhaus -- Design for Sustainability in Space: Future Nature -- Design for Inclusion in Space: Parastronauts Project. Sommario/riassunto This book offers a cutting-edge perspective of design for space to increase astronauts' wellbeing and performance creating a more sustainable and inclusive environment, but without to forget beauty. The relevant aspect is that these design principles are now also supported and promoted by the European Community with the New European Bauhaus project. It is legitimate to affirm that Space Design is

a precursor and inspiring these principles. Space exploration has shown

us how results of space research inspire management policies

addressing important earth issues such as the responsible use of resources as well as ethical behavior leading to sustainable and inclusive choices. The International Space Station (ISS) is the most successful virtuous example of circular economy and sustainability by almost totally recycling the waste produced. Recently the European Space Agency (ESA) launched the first call for "parastronauts" opening the fly possibilities to people with physical disabilities and thus affirming the principle of inclusion in space. Thanks to design—a bridge between science, technology, and beauty—space opens up to new creative experiments, placing the human being at the center of the interplanetary exploration programs to ensure extra-terrestrial habitats safer, more comfortable, and efficient, where crew will feel "like at home".