Record Nr. UNINA9910731482603321 Autore Froehlich Annette Titolo Space Fostering Latin American Societies: Developing the Latin American Continent Through Space, Part 4 / / edited by Annette Froehlich Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2023 Pubbl/distr/stampa **ISBN** 3-031-20675-4 Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (198 pages) Collana Southern Space Studies, , 2523-3726 Disciplina 341.4 629.4098 Soggetti Law of the sea International law Aeronautics—Law and legislation Outer space—Exploration Astronautics Latin America—Economic conditions Law of the Sea, Air and Outer Space Space Exploration and Astronautics Latin American/Caribbean Economics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Space as a Tool for Development in Brazil: A Law and Development Nota di contenuto Perspective -- Honduras in Space So Far: A Central American Approach -- Democracy Through Connectivity: How Satellite Telecommunication Can Bridge the Digital Divide in Latin America -- Social Sustainability: A Challenge for the Supply Chain of the Mexican Space Sector -- Bolivian CanSat Contest: Promoting Space Science and Technology -- Dynamic Computational Analysis of a Cubesat Structure to Test a New Material for a Space-Radiation Protection Shield -- Lessons Learned on the Thermal Analysis of a Cubesat Using the Finite Element Method -- K' oto Project a Cubesat Design: Methodology and Development. .

This peer-reviewed book presents a comprehensive overview of the

role space is playing in enabling Latin America to fulfil its

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developmental aspirations. Following on from the highly acclaimed Parts 1 to 3, it explains how space and its applications can be used to support the development of the full range and diversity of Latin America societies, while being driven by Latin American goals. The Latin American space sector is currently undergoing a phase of rapid and dynamic expansion, with new actors entering the field and with space applications increasingly being used to support the continent's social, economic, and political development. All across Latin America, attention is shifting to space as a fundamental part of the continental development agenda, and the creation of a Latin American space agency is evidence of this. Additionally, while in recent years, significant advances in economic and social development have lifted many of Latin America's people out of poverty, there is still much that needs to be done to fulfil the basic needs of the population and to afford them the dignity they deserve. To this end, space is already being employed in diverse fields of human endeavour to serve Latin America's goals for its future, but there is still a need for further incorporation of space systems and data. This book will appeal to researchers, professionals and students in fields such as space studies, international relations, governance, and social and rural development.