

33rd IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS (E3)
Space Economy - New models and economic approaches for private space ventures, with an emphasis on
the needs of emerging space nations (3)

Author: Prof. Avid Roman-Gonzalez
Peru, avid.roman-gonzalez@ieee.org

Ms. Natalia Indira Vargas-Cuentas
Image Processing Research Laboratory (INTI-Lab). Universidad de Ciencias y Humanidades - UCH, Peru,
natalia.i.vargascuentas@ieee.org

OPPORTUNITIES AT THE BEGINNING OF THE PERUVIAN SPACE MARKET

Abstract

The development of aerospace technology in Peru is still minimal. Although three nanosatellites developed by universities have already been put into orbit, and there is currently an Earth observation satellite (PeruSat-1) with a sub-metric spatial resolution, the market in the aerospace sector is just getting more dynamic. There are only some enterprises with activities in the aerospace sector. In the present work, we want to show an analysis of the aerospace market in Peru and its future perspective. On the one hand, and since three universities have put their nanosatellites in orbit, more educational institutions are interested in being able to do the same academic work, in that sense, there is a growing demand to buy modules and materials related to this technology. It is not entirely covered, especially since there are no national suppliers, and the only ones that can cover this demand are outside of South America. On the other hand, with the launch of the PeruSat-1, a market that could be revitalized is the sale of satellite images. However, the Peruvian Space Agency (CONIDA) is focused on providing images to public entities and private entities for research purposes. So the satellite image sales market is not destined to work inside Peru, but rather to run for other countries. What has grown is the market for education and training, with the availability of satellite images, more and more people want to be trained in the use, processing, and interpretation of them. Thus, the number of master's programs that include satellite image processing has increased, as well as the offer of diploma courses, courses, seminars, and workshops related to remote sensing. Future perspectives indicate that the market will continue to increase, being an exciting niche to cover.