

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
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ODE: THE NEW PERSPECTIVE OF BRAZILIAN EDUCATIONAL COMPETITION

Abstract

The Brazilian Space Agency (AEB) has carried out a pilot project in education in 2019. It is called the Space Development and Applications Olympics (ODE) which aimed to promote the dissemination and training of space themes through simple experiments. The Theme for 2019 was remote sensing, held in three cities: Natal, Alcântara and Florianópolis. Four teams were formed in each city, consisting of a teacher and four students, specifically two boys and two girls. Each one of the twelve participating teams received a drone to take aerial photos, to be then compared with satellite photos. The teams correlated the images captured by the drones mainly with CBERS and LANDSAT images. This article aims to show the results and lessons learned from this competition.