

## ONLINE REMOTE SENSING EDUCATION: EXPERIENCE AT THE BRAZILIAN NATIONAL INSTITUTE FOR SPACE RESEARCH

Hilcea Santos Ferreira (INPE)

The objective is to present an overview of Online Remote Sensing Technology Education Programs carried out by the Earth Observation Coordination (OBT) and Center for Weather Forecast and Climate Studies (CPTEC) at the Brazilian National Institute for Space Research (INPE), since the year 2004. Several online and hybrid courses, and webinars, have been provided so far. This long-standing experience with online courses and the information gathered from feedback surveys, after each course, were crucial for INPE professionals' responsible for the course to assess and determine the new paths for the educational outreach program in this area, investigating new teaching and learning strategies and pedagogies to suit students' needs to improve their skills to succeed in their workplace. Information and communication technologies together with new teaching paradigms have been reshaping the whole learning environment of the courses. Keywords: Online Courses, Remote Sensing, Technology, Best Practices