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Emerging trends of knowledge management in organizations (2)

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PRESERVING THE KNOWLEDGE GENERATED BY BRAZILIAN SCIENTIFIC AND TECHNOLOGICAL RESEARCH IN THE SPACE SECTOR: STRATEGIES FOR MITIGATING KNOWLEDGE LOSS.

Abstract

In the current age of information abundance resulting from increased access to information, organizations must adequately understand and manage the risks related to organizational knowledge. They must identify and address these risks. Although Knowledge Management is an area in constant evolution, the identification and governance of knowledge-related risks still present challenges for organizations, as it is necessary to comprehend the informational risks present in the production processes. Indeed, the Brazilian space sector covers a wide range of scientific and technological research topics, with results that extend to areas such as Earth observation, wildfire prevention, impacts of climate change, telecommunications, and security, among others. Furthermore, the products and services resulting from this sector are of immense value to society, the economy, and the industry, making it evident the importance of further strengthening the space sector in Brazil. This article presents a methodological framework that helps mitigate the loss of knowledge in the Brazilian space sector, given its relevance to society and the country's economy. The methodology employed in this research will be qualitative, with the possibility of quantitative treatment in the analysis of the collected data. In addition, a methodological framework will be proposed to prevent knowledge loss in the Brazilian space sector, aiming to understand the cycle of knowledge production and preservation generated by scientific and technological research in the space field. As a result, the proposed framework will be able to prevent knowledge loss and ensure the preservation of knowledge generated by scientific and technological research in the space field. By understanding the challenges of knowledge risk management in the Brazilian space sector, it will be possible to offer practical solutions to mitigate them.