

# **TRANSFORMING AGRICULTURE: THE IMPACT OF DIGITAL TECHNOLOGIES ON BIODIVERSITY CONSERVATION**

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## **Abstract**

The integration of digital technologies in agriculture has the potential to revolutionize biodiversity conservation efforts. This article explores the role of regulations and recommended practices in promoting the adoption of digital technologies for biodiversity conservation in agricultural practices. Through a comprehensive review of the literature and analysis of current trends, the article highlights the importance of regulatory frameworks and recommended practices in shaping the adoption and implementation of digital technologies in agriculture. It examines various policies and initiatives aimed at stimulating the use of digital tools for monitoring, reporting, and mitigating the impact on biodiversity. Furthermore, the article discusses the challenges and opportunities associated with the adoption of digital technologies in agricultural practices for biodiversity conservation. It concludes by proposing recommendations for improving the regulatory framework and promoting the sustainable use of digital technologies to enhance biodiversity conservation in agriculture.

## **Keywords**

Biodiversity, Agriculture, Digitalization, Recommended practices, Digital technologies

## **JEL Classification**

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