

Research on methods for plant identification based on images of plant parts

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Abstract: This topic aims to explore and analyze modern methods in the field of tree recognition through images of plant parts. With the goal of building a system to support the automation of tree species identification based on image features, we propose a solution that simultaneously involves theoretical research and experimental implementation. Through this, the topic contributes to improving efficiency in forest management and environmental protection. The expected results of this work not only help enhance tree identification capabilities but also expand applications to various fields related to agriculture and the environment.

Keywords: Tree identification, Image, Forest, Agriculture, Environment