

Building an automatic data collection system for greenhouse environmental data.

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Abstract: In the context of increasing greenhouse environmental management and monitoring, this topic focuses on building an automation system to address the problem of real-time data collection. The main objective is to develop this system to improve agricultural production efficiency through the ability to receive and process environmental information quickly and accurately. The research methodology includes both analyzing the current state of existing technology and implementing practical applications in greenhouses. The expected results will significantly contribute to optimizing agricultural production processes, while also providing academia with new knowledge on automated solutions in environmental management.

Keywords: Greenhouse, automatic data collection, agricultural environment, monitoring system, agricultural environment data collection system