

Intelligent Mobile Energy Storage Container for Aquaculture





Overview

How to develop an intelligent aquaculture system?

Integrating Cloud computing, Artificial Intelligence, and the Internet of Things is the key to developing an intelligent aquaculture system to improve performance, feasibility, and adaptabilities, such as monitoring system water quality and intelligent data processing system for fish databases .

What is the importance of intelligent unmanned equipment in aquaculture?

Intelligent unmanned equipment can provide technical support for the realization of all-around real-time monitoring of water quality (Dane et al., 2021). Another important work in aquaculture is biomass estimation, the size of fish is a basic indicator of breeding and marketing.

Can IoT transform aquaculture into a sustainable industry?

This review explores how an integrated framework of Internet of Things (IoT), Artificial Intelligence (AI), and blockchain technology can transform aquaculture into a more efficient, sustainable, and intelligent industry.

What is a smart aquaculture ecosystem?

Smart aquaculture ecosystems rely on integrated data platforms that collect, process, and analyze real-time information from IoT sensors, AI models, and blockchain systems. These platforms ensure seamless communication between devices, providing aquaculture managers with actionable insights (Gao et al., 2023).



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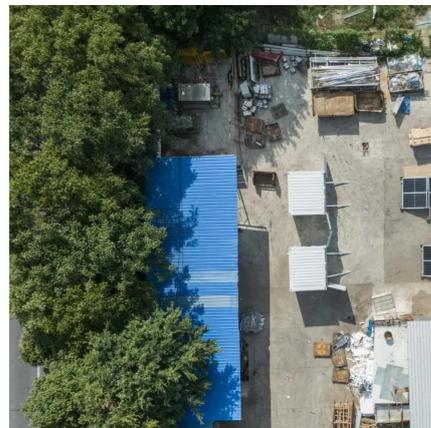


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