

Published in: 2023 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS)

INSPEC Accession Number: 23001316

20/07/2023, 16:35

Disease Detection in Paddy Crop using Machine Learning Techniques   IEEE Conference Publication   IEEE Xplore				
Date Added to IEEE Xplore: 25 April 2023	DOI: 10.1109/ICSCDS56580.2023.10104908			
ISBN Information:	Publisher: IEEE			
	Conference Location: Erode, India			
Contents				
I. Introduction				
More than half of the world's population eats rice as their primary food. Its production is affected by				
several issues brought on by the weather, problems with the environment, soil, viruses, fungus, or				
different species of animals like mice, locusts, leafhoppers, etc. The diseases put the agriculture				
industry at risk because they could result in food shortages and a financial crisis. [1]. Therefore, for				
good crop yield generation, accurat <mark>e d<b>isigasie tteteotion</b>ue <b>pææddyng</b>lant is required. Farmers' use of</mark>				
visual analysis results in inaccurate disease detection. It takes time and can damage crops from a				
small area to the entire field. Because of these, experts and researchers are now considering use of				
new techniques, with the aid of emerging technology, such as image processing, to address the				

Authors	~
Figures	~
References	~
Keywords	~
Metrics	~

problems faced and obtain a more accurate yield after the disease has been identified.[2][3]

## More Like This

Significance of Data Augmentation in Identifying Plant Diseases using Deep Learning 2023 5th International Conference on Smart Systems and Inventive Technology (ICSSIT) Published: 2023

Crop Recommendation using Machine Learning and Plant Disease Identification using CNN and Transfer-Learning Approach 2022 IEEE Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI) Published: 2022

Show More

<b>IEEE Personal Account</b>	<b>Purchase Details</b>	<b>Profile Information</b>	Need Help?	Follow
CHANGE USERNAME/PASSWORD	PAYMENT OPTIONS	COMMUNICATIONS PREFERENCES	US & CANADA: +1 800 678 4333	f in y 🖸 🎯
	DOCUMENTS	PROFESSION AND EDUCATION	WORLDWIDE: +1 732 981 0060	
		TECHNICAL INTERESTS	CONTACT & SUPPORT	

About IEEE *Xplore* | Contact Us | Help | Accessibility | Terms of Use | Nondiscrimination Policy | IEEE Ethics Reporting 🗹 | Sitemap | IEEE Privacy Policy

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2023 IEEE - All rights reserved.

## **IEEE Account**

- » Change Username/Password
- » Update Address
- **Purchase Details**
- » Payment Options
- » Order History
- » View Purchased Documents
- **Profile Information**
- » Communications Preferences
- » Profession and Education
- » Technical Interests

Need Help?

- » US & Canada: +1 800 678 4333
- » Worldwide: +1 732 981 0060

## 20/07/2023, 16:35

» Contact & Support

About IEEE Xplore | Contact Us | Help | Accessibility | Terms of Use | Nondiscrimination Policy | Sitemap | Privacy & Opting Out of Cookies

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. © Copyright 2023 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.