11.10.2022

Dear Editor,

Submission of Research Article for Special Issue of " Deep and Machine Learning Applications in Remote Sensing Data to Monitor and Manage Crops Using Precision Agriculture Systems" belongs to Remote Sensing (ISSN 2072-4292)

I, Amarasingam Narmilan, PhD student at Queensland University of Technology, Australia. I am herewith submitting the research paper titled as "Analysis of UAV-derived RGB Imagery Using Deep Learning Techniques for the Detection of White Leaf Disease in Sugarcane" for the special issue of " **Deep and Machine Learning Applications in Remote Sensing Data to Monitor and Manage Crops Using Precision Agriculture Systems**" belongs to Remote Sensing. Our findings offer a methodology of WLD detection based on UAV RGB imagery-based DL techniques. Using object detection algorithms combined with UAV-based RGB images allowed researchers and farmers to detect the spread of diseased plants early. The proposed methodology provided technical guidelines for managing WLD in the sugarcane fields.

This manuscript fits the scope of the special issue because the aim of this special issue is to monitor and manage crops using precision agriculture systems using deep learning technique. Therefore, our study comes under the following subsections of this special issue, precision agriculture, on farm precision experimentation, monitoring crop areas, neural network, and image processing

- We confirm that neither the manuscript nor any parts of its content are currently under consideration or published in another journal.

- All authors have approved the manuscript and agree with its submission for the special issue of " Deep and Machine Learning Applications in Remote Sensing Data to Monitor and Manage Crops Using Precision Agriculture Systems " belongs to Remote Sensing.

- We have no conflicts of interest .

Therefore, I shall be grateful to you if you could kindly accept this article as favour as possible.

Thank you

Sincerely

A.Narmilan,

Queensland University of Technology,

Australia.