

*Webinar on*

# Artificial Intelligence for Precision Agriculture

Thursday, 17<sup>th</sup> December 2020 | 6pm (PST), 8am (EST), 9am (AST)



Vice Chancellor

**Prof. Dr. Qamar-uz-Zaman**

PMAS-Arid Agriculture  
University, Rawalpindi



Keynote Speaker

**Dr. Arnold Schumann**

Professor, Soil and Water Science Department  
University of Florida

**Zoom Link:** <https://us02web.zoom.us/j/4377239740>

**For Online Reg.:** [http://sr.uaar.edu.pk/seminar/reg\\_form.php](http://sr.uaar.edu.pk/seminar/reg_form.php)

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**PMAS-Arid Agriculture University Rawalpindi**

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**University of Prince  
Edward Island, Canada**

## ***Brief Introduction of Keynote Speaker***

Dr. Arnold Schumann is a Professor in the Soil and Water Science department, University of Florida, Adjunct Professor in the Agricultural Engineering department of the Dalhousie University, and in the School of Sustainable Design Engineering, University of Prince Edward Island.

Dr. Schumann has worked on precision agriculture for many years. Some of his early research from 2001 focused on ultrasonic mapping of citrus canopy size and the use of electromagnetic induction for mapping shallow groundwater depth. He has worked with researchers and blueberry growers in Canada since 2007 to develop variable rate sprayers and improved mechanical harvesters, and successfully developed a variable rate fertilizer applicator for citrus that adjusts fertility rate based on canopy size. The technology was licensed to Chemical Containers Inc. of Florida in 2008, who market the product primarily for citrus, pecan and peach specialty crops. Since 2016 the research efforts were redirected towards the growing arena of artificial intelligence, especially in precision agriculture.