

## CURRICULAR VITAE

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B(xi). Date of first appointment with this University (tarikh lantikan)	01/08/2016
B(xii). Type of Service (Permanent/Contract)	Permanent

### C. Research Information

#### C(i). Research Cluster

Research Cluster	Sub Research Cluster
Pure and Applied Science	Biology

#### C(ii). Research Priority Area

Priority Area: Environment and Climate Change

#### C(vi). Research projects that have been completed or ongoing by project leader for the last three years

Title	Grant Name	Role	Progress (%)	Status	Duration	Start Date	End Date
Collaboration between UPM and RISDA Estates Sdn. Bhd. on Salicylic Acid Usage on Ganoderma attack in Oil Palm Estates.	ESPEK SDN. BHD.	Member	N/A	In Progress	3 years	04/08/2017	03/08/2020
Nexus Between Fertilizer Regime and Soil Amendments on High-Value Crops	Geran Putra IPM	Project Leader	N/A	In Progress	2 years	15/11/2017	15/11/2019
Potential Usage of Salicylic Acid Fortified Sewage Sludge for Biofortification of Food Crops	Indah Water Konsortium Sdn. Bhd.	Project Leader	N/A	In Progress	2 years	18/10/2017	17/10/2019
RMK-11 Paddy Integrated Farming	MARDI	Member	N/A	Complete	1 year	04/11/2016	02/11/2017
Investigation of Fertilizer Damage at FPM Sdn.Bhd., Pasir Gudang, Johor	Cunningham Lindsey Adjusters (M) Sdn. Bhd.	Member	N/A	Complete	3 months	16/11/2016	20/01/2017

#### C(vii). Academic publications that has been published by the project leader

Title	Name of Journal	Year
Phytohormones in organic nitrogen fertilizers influenced beta-carotene concentration and marketable yield components of lettuce	Scientia Horticulturae	2018
Method for Determining Cation Exchange Capacity of Natural Zeolite	Malaysian Journal of Soil Science	2017
Greenhouse Gas Emissions from Solid and Liquid Organic Fertilizers Applied to Lettuce	Journal of Environmental Quality	2016
How Does Water Move Through Soil?	Soil Science Society of America	2016