

CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI (Personal Details)

Nama Penuh (Full Name)	NIK NORASMA BINTI CHE'YA		Gelaran (Title): DR
No. MyKad / No. Pasport (Mykad No. / Passport No.)	Warganegara (Citizenship) MALAYSIA	Bangsa (Race) MALAY	Jantina (Gender) FEMALE
Jawatan (Designation)	SENIOR LECTURER	Tarikh Lahir (Date of Birth)	15 OCT 1984

Alamat Semasa (Current Address)	Jabatan/Fakulti (Department/Faculty)	E-mel dan URL (E-mail Address and URL)
NO 35, JALAN MERAB 6/9A, DESA CAMELIA SG MERAB, 43000 KAJANG, SELANGOR Tel: -	DEPARTMENT OF AGRICULTURE TECHNOLOGY, FACULTY OF AGRICULTURE, UNIVERSITI PUTRA MALAYSIA Tel: +60389474892 Fax: +60389381015	E-mail: niknorasma@upm.edu.my URL: https://www.researchgate.net/profile/Nik_Cheya H/P: 011-3672 1385

B. KELAYAKAN AKADEMIK (Academic Qualification)

Nama Sijil / Kelayakan (Certificate / Qualification obtained)	Nama Sekolah Institusi (Name of School / Institution)	Tahun (Year obtained)	Bidang pengkhususan (Area of Specialization)
PhD (Thesis title: Site-specific weed management using remote sensing)	The University of Queensland, Gatton, Australia	2016	Weed detection, drone application, GIS and precision agriculture
Master of GIS and Geomatic Engineering (Thesis title: Web-based GIS decision support system for precision farming)	Universiti Putra Malaysia	2010	Web-based GIS, GIS, open source programming and precision agriculture
Bachelor of Science Geoinformatics (Title: Site suitability analysis for aquaculture area using GIS in Johor)	Universiti Teknologi Malaysia	2007	Geoinformatics (GIS)

C. KEMAHIRAN BAHASA (Language Proficiency)

Bahasa / Language	Lemah Poor (1)	Sederhana Moderate (2)	Baik Good (3)	Amat Baik Very good (4)	Cemerlang Excellent (5)
English				/	
Bahasa Melayu					/

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN (Scientific experience and Specialisation)

Organization	Position	Start Date	End Date	Expertise
Bogor University, Indonesia	Geospatial Applications of Satellite Generated Atmospheric and Climatic Data	23th October 2017	27th October 2017	Geospatial and climate change
Harper Adams University, United Kingdom	Participant on Agri-tech Growth and	4th December 2017	6th December 2017	Precision Agriculture, Digital Farming and

	Resources for Innovation Workshop 2			Instrumentation
Manchester University, United Kingdom	Visiting Scholar and potential collaboration	7 th December 2017	7 th December 2017	Remote sensing and precision agriculture
National Institute of Botanical Agriculture (NIAB), United Kingdom	Field Trip and potential collaboration on Remote Sensing Application	13 th December 2017	13 th December 2017	Remote sensing and drone

E. PEKERJAAN (Employment)				
Majikan / Employer	Jawatan / Designation	Jabatan / Department	Tarikh lantikan / Start Date	Tarikh tamat / Date Ended
Universiti Putra Malaysia	Senior Lecturer	Department of Agricultural Technology	October 2016	Current
Universiti Putra Malaysia	Tutor	Department of Agricultural Technology	July 2010	Sept 2016
Universiti Putra Malaysia	Research Assistant	SMART Farming Technology Laboratory, Institute of Advance Technology	Oct 2009	June 2010
MIMOS Berhad Kuala Lumpur	Research Fellow	KnowledgeGRID Malaysia Program	May 2009	Sept 2009

F. ANUGERAH DAN HADIAH (Honours and Awards)				
Name of awards	Title	Award Authority	Award Type	Year
Academic Awards	Best Presenter Award	The 5th Asian Conference Precision Agriculture, Jeju, Korea	International	2013
	Bronze Medal Award	Pameran Reka Cipta, Penyelidikan Dan Inovasi (PRPI), UPM	University	2010
	Silver Medal Awards	International Trade Fair (IEANA), Germany	International	2009
	Gold Medals Awards	Malaysia Technology Expo (MTE), PWTC	National	2009 & 2008
	Gold Medals Awards	Pameran Reka Cipta, Penyelidikan Dan Inovasi (PRPI)	University	2008 & 2007
	Diamond and Gold medal	British Invention Show (BIS), London	International	2008
	National Science Fellowship	Ministry of Science, Technology and Innovation (MOSTI), Malaysia Government	Malaysia	2008-2009
	Dean lists for 5 semesters	Universiti Teknologi Malaysia (UTM)	University	2003-2007
Non-Academic Awards	Best student awards for 2 semesters	Universiti Teknologi Malaysia (UTM)	University	2003-2007
Awards of Merit	Service Award UPM	Universiti Putra Malaysia	University	2016

G. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (List of publications – author(s), title, journal, volume, page and year published)	
Journal	C. Y. N. Norasma, A. R. M. Shariff, E. Jahanshiri, M. S. M. Amin, S. Khairunniza-Bejo and A. R. Mahmud "Web-Based Decision Support System for Paddy Planting Management." Journal of Science and Technology, PERTANIKA Journal 2013
Books/Monographs	
Chapter in book	
Proceedings	N.C.Y. Norasma, M. A. Fadzilah, S.S.A. Gani, M. S. Suhaizi and M.R. Ismail. "Tinjauan dan Aplikasi Dron dalam Pertanian" Malaysian Society Agricultural Engineers (MSAE) Conference 2018, Universiti Putra Malaysia (2018). Ahmad Suhaizi, M. S., Norida, M., Nik Norasma, C. Y., dan Wan Fazilah, F. I. "TEKNOLOGI APLIKASI DRON UNTUK PERTANIAN" Persidangan Kebangsaan Permindaan Teknologi 2017 (CONFERTECH 2017), Beraya Waterfront

	<p>Hotel, Johor (2017).</p> <p>C. Y. N. Norasma, M. Gupta, D. George, A. Lisle, B. Basinet, and G. Campbell "Spectral Discrimination of Weeds Using Hyperspectral Radiometry" The 5th Asian Conference Precision Agriculture, Jeju, Korea (2013)</p> <p>C. Y. N. Norasma, A. R. M. Shariff, M. S. M. Amin, S. Khairunniza-Bejo and A. R. Mahmud "Web-based GIS Decision Support System for Paddy Precision Farming". MapAsia 2008. KLCC, Kula Lumpur.</p> <p>C. Y. N. Norasma, A. R. M. Shariff, M. S. M. Amin, S. Khairunniza-Bejo, A. R. Mahmud "Web-based GIS Decision Support System for Precision Farming". Consultative Workshop on Paddy Precision Farming. MAEPS, Serdang. 2008.</p> <p>C. Y. N. Norasma, A. R. M. Shariff, M. S. M. Amin, S. Khairunniza-Bejo, A. R. Mahmud, E. Jahanshiri and A. A. A. Fauzul "Web-based GIS Decision Support System for Precision Farming". Pameran Rekacipta, Penyelidikan dan Inovasi UPM. pp22, 2008.</p> <p>Fauzul Azhan Abdul Aziz, Abdul Rashid Mohamed Shariff, Mohd. Amin b. Mohd. Soom, Anuar Abdul Rahim, Ebrahim Jahanshiri, Nik Norasma Che' Ya, "A GIS based System For Paddy Field Precision Farming", AFITA, wcca2008, Japan, 2008.</p> <p>Nik Norasma Che'Ya, Abdul Rashid Mohamed Shariff, Mohd Amin Mohd Soom, Siti Khairunniza Bejo, Ahmad Rodzi Mahmud, Ebrahim and Fauzul "Generating Online GIS Decision Support System For Paddy Precision Farming". GSDI, Netherlands, 2009.</p> <p>Nik Norasma Che'Ya, Abdul Rashid Mohamed Shariff, Mohd Amin Mohd Soom, Siti Khairunniza Bejo, Ahmad Rodzi Mahmud, Ebrahim and Fauzul "Web Precision Farmer (v2.5): Comparison between Windows and Linux". ATCi, PWTC, 2009.</p> <p>Nik Norasma Che'Ya, Abdul Rashid Mohamed Shariff, Mohd Amin Mohd Soom, Siti Khairunniza Bejo, Ahmad Rodzi Mahmud, Ebrahim and Fauzul "An internet-based software tool for guidelines and mapping in paddy planting". MRSS2010, PWTC, 2010.</p> <p>Norasma, C.Y.N., Shariff, A.R.M., Jahanshiri, E., Soom, M.A.M., Mahmud, A.R. and KhairunnizaBejo, S. (2010). Web Geoprocessing Tool for Oryza Sativa Plantations in Malaysia. In Proceedings of the MRSS 6th International Remote Sensing and GIS Conference and Exhibition, 28-29 April 2010, PWTC, Kuala Lumpur, Malaysia, p. 82.</p> <p>Nik Norasma Che'Ya, Abdul Rashid Mohamed Shariff, Mohd Amin Mohd Soom, Siti Khairunniza Bejo, Ahmad Rodzi Mahmud, Ebrahim and Aimrun Wayayok "A GIS webbased tool for the management of oryza sativa planting". World Engineering Congress 2010, Kuching, 2010.</p>
<i>Other publications Magezine</i>	Norasma,C.Y.N., Shariff,A.R.M., Amin, M.S.M., Khairunniza-Bejo, S. and Mahmud, A.R. (2009).Web-Based GIS Decision Support System for Paddy Precision Farming. GIS Development, p. 1-7.
<i>Patent Pending</i>	Shariff, A.R.M.S., Mahmud, A.R., Norasma, C.Y.N., Jahanshiri, E., Soom, M.A.M., Khairunniza-Bejo, S. and Aziz, F.A.A. Web Based Agricultural Data Management System and Methods of Managing Thereof (PI2010700091: Patent Pending, 2010).
<i>Computer software</i>	-

H. PROJEK PENYELIDIKAN TERDAHULU (<i>Past Research Project</i>)					
<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
6369105	PadiU Putra (Higher Institution Center of Excellent, Hicce)	Members	2016	Transnational research fund (Minister of Higher Education)	On-going
9611400	MOBILE APPS DEVELOPMENT FOR PADDY MANAGEMENT IN KADA, KELANTAN (ePaddyMobile)	Principle	2018	IPM- Universiti Putra Malaysia	On-going