CURRICULUM VITAE

A. BUTIR-BUTIR PERIBADI *(Personal Details)*			
Nama Penuh *(Full Name)*	Md Kamal Uddin		Gelaran *(Title):* Dr.
No. MyKad / No. Pasport *(Mykad No. / Passport No.)* 671225-10-5477	Warganegara *(Citizenship)* Bangladeshi	Bangsa *(Race)* Bengali	male
Jawatan *(Designation)*	Senior Lecturer	Tarikh Lahir *(Date of Birth)*	30/06/1973

Alamat Semasa *(Current Address)*	Jabatan/Fakulti *(Department/Faculty)*	E-mel dan URL *(E-mail Address and URL)*
	Department of land Management, Faculty of Agriculture Universiti Putra Malaysia 43400 UPM Serdang Selangor Tel: 03-89474813 Fax: 03-89474919	E-mail: mkuddin07@gmail.com H/P: URL: https://scholar.google.com/citations?user=TDJiU5wAAAAJ&hl=e

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)*
B. Sc. Ag	Bangladesh Agricultural University	1998	Plant Agriculture
M.S.	Bangladesh Agricultural University	2000	Soil Science
Ph.D	Universiti Putra Malaysia	2010	Agronomy (Weed Science)

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		√			
Lain-lain *(other): Bengali*					√

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN *(Scientific experience and Specialisation)*				
Organization	*Position*	*Start Date*	*End Date*	*Expertise*
Bangladesh Rice Research Institute	Scientific Officer	July 2001	June, 2007	Soil fertility and Plant Nutrition
Universiti Putra Malaysia	Post-Doctoral researcher	March, 2011	January, 2013	Agronomy

E. PEKERJAAN *(Employment)*				
Majikan / *Employer*	Jawatan / *Designation*	Jabatan / *Department*	Tarikh lantikan / *Start Date*	Tarikh tamat / *Date Ended*
Universiti Putra Malaysia	Research Fellow	Crop Science	January 2013	August, 2014
Universiti Malaysia Sabah	Senior Lecturer	Crop Production Program, Faculty of Sustainable Agriculture	15 August, 2014	31 November, 2015
Universiti Putra Malaysia	Senior Lecturer	Land Management, Faculty of Agriculture	1st December 2015	-

F. ANUGERAH DAN HADIAH *(Honours and Awards)*				
Name of awards	*Title*	*Award Authority*	*Award Type*	*Year*
Academic Awards	1. Growth response of eight tropical turfgrass species to salinity 2. Efficacy of ascorbate gluthahione cycle for scavenging	1. UPM 2. UPM 3. UPM 4. UPM	1. Silver medal 2. Bronze medal 3. Certificate 4. Certificate	1. 2011 2. 2010 3. 2017 4. 2016

	H_2O_2 in two contrasting rice genotypes during salinity stress 3. Awarded by VC Excellence service in Teaching and research 4. Awarded for Excellent service			
Non-Academic Awards	Nutrient Management training	IRRI, Philippine	Certificate	2002
Awards of Merit	Merit Scholarship	Bangladesh Agricultural University	Award	1991-94

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

Citation Index Journal Articles (total-55)

1. **Uddin**, **M. K.** and A.S. Juraimi. (2012). Using sea water for weed mangement in turfgrass, LAP LAMBERT Academic Publishing GmbH & Co. KG, Germany, ISBN 978-3-8473-7389-6, p.1-251. Book.

2018

1. Mahmudul Hasan, Md Kamal Uddin,MTM Mohammed and KZ Ali Tan. 2018. Nitrogen and phosphorus management for Bambara groundnut production: A review: Legume research LR379.1-7

2. A.K.M.M. Islam, Mahmudul Hasana, Md Mahamudul Hasan Mushaa, Md. Kamal Uddinb, Abdul Shukor Juraimic, Md. Parvez Anwar 2018. Exploring 55 tropical medicinal plant species available in Bangladesh for their possible allelopathic potentiality, Annals of Agricultural Sciences

2017

1. Uddin, M.K. Abdul Shukor Juraimi, Radziah Othman, S.M. Shamsuzzaman and Md Parvez Anwar. Sedge weed control in turfgrass using sea warer, Bangladesh Journal Botany, 46 (2) 795-798 (IF).
2. Uddin, M.K. Abdul Shukor Juraimi, Radziah Othman, and Md Parvez Anwar. Effect of sea water and herbicide for salt tolerant weed in turfgrass, Bangladesh Journal Botany, 46 (1) 503-510 (IF).
3. Mohd Abdul Halim Bin Baharun Azahar, Abdul Shukor Juraimi, Mohd Rafii Yusof, Abdul Rahim Harun and M. K Uddin, Md

	Parvez Anwar. Morphological mutants of turfgrass local Zoysia japonica induced by gamma ray irradiation. Bangladesh Journal Botany, accepted. 4. Uddin, MK, Su Ging Sam, Azwan Awang, , Abdul Shukor Juraimi, Mohamadu Boyie Jalloh, Mohd. Selamat Madon. Effect of water regimes on growth and antioxidant content of purslane (Portulaca oleracea L.), Bangladesh Journal of Botany, 46(1), 255-262 (IF) 5. Uddin, MK, SM Shamsuzzaman, LI Quiazi Lo, Mohd Selamat Medom, Mahmudul Hasan. Effect of salinity on growth, antioxidant contents and proximate compositions of sabah snake grass (Clinacanthus nutans), Bangladesh Journal of Botany, 46(1) 263-269 (IF). 6. Noor Azwa Zulkaliph, Abdul Shukor Juraimi, Md. Kamal Uddin and Mohd Razi Ismail and and S.M. Shamsuzzaman. Growth response of salt tolerant turfgrass species to salinity stress, Bangladesh Journal of Botany, 46(1), 343-353 (IF) 7. Noor Azwa Zulkaliph, Abdul Shukor Juraimi, Md. Kamal Uddin and Mohd Razi Ismail and and S.M. Shamsuzzaman. Physiological and morphological response of three potential salt tolerant turfgrass species to salinity stress, Bangladesh Journal of Botany, 46(1), 355-364 (IF) 8. Imad M. Ali, Rosimah Nulit, Mohd Hafiz Ibrahim, MD. Kamal Uddin. Deterioration of quality soybean seeds (Glycine Max (L.) Merr. AGS 190) at harvest stages, seed moisture content and storage temperature in Malaysia, International Journal of Bioscience, 10 (5), 372-381 (ISI). 9. Ullah, MA, SM Shamsuzzaman, MR Islam, AW Samsuri and MK Uddin. Cadmium availability and uptake by rice from lime, cow-dung and poultry manure amended ca-contaminated paddy soil, Bangladesh Journal of Botany, 46(1),291-296 (IF) ***2016*** 10. Farzad Aslani1, Abdul Shukor Juraimi , Muhammad Saiful Ahmad-Hamdani , Farahnaz Sadat Golestan Hashemi , Md Amirul Alam , Dzolkhifli Omar , Uddin, M.K. and Md. Abdul Hakim. Variation in the phytotoxic activity of Tinospora tuberculata extracts as influenced by solvent type and chemical profile. Current Science, 228-234. 11. Farzad Aslani1, Abdul Shukor Juraimi , Muhammad Saiful Ahmad-Hamdani , Farahnaz Sadat Golestan Hashemi , Md Amirul Alam , Dzolkhifli Omar , Uddin, M.K. and Md. Abdul Hakim. Effects of *Tinospora tuberculata* leaf methanol extract on seedling growth of rice and associated weed species in hydroponic culture. Journal of Integrative Agriculture, 15(7): 1521–1531. 12. Bashira Olajumoke A, Abdul Shukor Juraimi, Uddin, MK, M. H. A. Husni, and Md. Amirul Alam (2016) Competitive ability of cultivated rice against weedy rice biotypes, A review. Chilean Journal of Agricultural Research. Vol. 76 (02), 243-252. 13. Uddin, MK, Hj Mohd Dandan, Ame Hj Alidin, Abdul Shukor Juraimi, Qurban Ali and S.M. Rezaul Karim. 2016. Salinity effects on germination and growth of Malaysian weedy rice biotypes and

cultivated rice, International Journal of Bioscience, 9: 122-128 (ISI)

14. Mohd Abdul Halim Bin Baharun Azahar, Abdul Shukor Juraimi, Mohd Rafii Yusof, Abdul Rahim Harun and Uddin, M. K, Md Amirul Alam. Morphological traits alteration of mutant common turf grass (*Cynodon dactylon*) induced by gamma ray irradiation. Research Journal of Biotechnology, 11: 93-105.

2015

15. A.S. Juraimi and **Uddin, M. K.** (2015). Uses of sea water with reduced herbicides to control salt tolerant weeds in recreational turf. In *Recent Advances in Crop Science*, Vol. II.ed. Wan Nooordin *et al*. Universiti Putra Malaysia, Malaysia, ISBN 978-967-344-257-7, Vol. II.pp. 24-39.

2014

16. **Uddin, M. K,** Abdul Shukor Juraimi, Md Sabir Hossain, Most. Altaf Un Nahar, Md. Eaqub Ali, and M.M. Rahman. Purslane Weed: A prospective plant source of nutrition, omega-3 fatty acid and antioxidants. *Scientific World Journal*, doi.org/10.1155/2014/951019 ((ISI)
17. **Uddin**, **M. K.,** A.S. Juraimi, M.R. Ismail, Radziah O. and A. A. Rahim. Sea water: An alternative weed control method in tropical turfgrass. Pakistan *Journal of Agricultural Science*. 51 (1):153-160 (ISI, IF 1.049, Q2)
18. Aslani, Farzad; Juraimi, AS; Ahmad-Hamdani, Muhammad; Omar, Dzolkhifli; Alam, Md; Hashemi, Farahnaz Sadat; Hakim, M.A., **Uddin, M. K.** Allelopathic effect of methanol extracts from *Tinospora tuberculata* on selected crops and rice weeds. Acta Agriculture Scandinavica, Section B - Plant Soil Science, doi.org/10.1080/09064710.2014.898784 (ISI, IF 0.646)
19. Md. Parvez Anwar, Abdul Shukor Juraimi, M. T. M. Mohamed, **Uddin, M. K.,** Batoul Samedani, Adam Puteh, Ahmed Khairul Hasan, Azmi Man and M. Delwar Hasan. Integration of Agronomic Practices with Herbicides for Sustainable Weed Management in Aerobic Rice. Research on Crops, 15 (1): 1-13 (ISI)
20. Yew swe Shyan, Abdul Shukor Juraimi, M.Y. Rafii, Mahmoodreza Shabanimofrad, Md. Amirul Alam, **Uddin, M. K.**, and M. A. Hakim. Genetic Divergence of Bermudagrass (*Cynodon* spp.) Population Using ISSR Markers, Life Science Journal, 11 (6): 425-430 (ISI)
21. Md. Amirul Alam, Abdul Shukor Juraimi, M.Y. Rafii, Azizah Abdul Hamid, **Uddin, M. K.**, M.Z. Alam and M.A. Latif. Genetic improvement of purslane (*Portulaca oleracae*) and its future

prospects. Molecular Biology Report, DOI 10.1007/s11033-014-3628-1. (ISI, IF 2.024, Q2)

22. Md. Amirul Alam, Abdul Shukor Juraimi, M.Y. Rafii, Azizah Abdul Hamid, **Uddin, M. K.**, Farzad Aslani, M.M. Hasan, Mohd Ashraf Mohd Zainuddin and M.A. Latif. Evaluation of antioxidant compounds, antioxidant activities and mineral composition of 13 collected purslane (*Portulaca oleracae*) accessions. accessions. Biomed Research International,doi.org/10.1155/2014/296063. (ISI, IF 1.579,Q2)
23. Jaafar Nurul Farahidayu, Juraimi Abdul Shukor, Ahmad-Hamdani Muhammad Saiful, Uddin M. K., Man Azmi. Distribution of weedy rice escapes variants in Clearfield rice production system. Research on Crops, 15 (4) : 754-762 (ISI)

2013

24. **Uddin, M. K. and** A.S. Juraimi. Salinity tolerance turfgrass: Future and Prospectus. doi.10.1155/2013/409413, *Scientific World Journal* ((ISI)
25. **Uddin**, **M. K.,** A.S. Juraimi, M.R. Ismail, Radziah O. and A. A. Rahim. Efficacy of sea water application for broadleaf weed control in tropical turfgrass. *Food Agriculture and Environment,* 11 (2): 836-840. (ISI)
26. M. A. Saleque, **Uddin**, **M. K.,** A. K. M. Ferdous and M. H. Rashid. Potassium Constrained High Yields in Irrigated Rice. *Journal of Plant Nutrition*. 36:12, 1829-1840 (ISI, IF 0.494)
27. A.S. Juraimi, **Uddin**, **M. K.,** M.R. Ismail, M.P. Anwar and M. A. Man. Sustainable weed management in direct seeded rice culture: A review. *Australian Journal of Crop Science*, 7(7): 989-1002 (ISI, SCOPUS)
28. Suria Arul Sebastain Micheal, Abdul Shukor Juraimi, Ahmad Selamat, Azmi Man and **Uddin. M. K.** Critical period of weed control in aerobic rice system. *Australian Journal of Crop Science*, 7(5):665-673 (ISI, SCOPUS)
29. Md. Parvez Anwar, Abdul Shukor Juraimi, M. T. M. Mohamed, **Uddin**, **M. K.,** Batoul Samedani, Adam Puteh and Azmi Man. Integration of Agronomic Practices with Herbicides for Sustainable Weed Management in Aerobic Rice. doi.org/10.1155/2013/916408, *Scientific World Journal* (ISI)
30. Noor Azwa, A.S. Juraimi, **Uddin**, **M. K.,** M.R. Ismail, and U.A. Naher. Screening of potential salt tolerant turfgrass species in Peninsular Malaysia. *Australian Journal of Crop Science.* 7(10):1571-1581. (ISI, SCOPUS)
31. M.S.A. Fakir, M.R. Ismail, M.A.B. Siddique, A. Islam and **Uddin, M. K.** Leaf area estimation by linear regression models Pigeon pea. *Food Agriculture and Environment,* 11(2): 312-**316 (ISI)**
32. M.R. Ismail, **Uddin**, **M. K.,** W.A. Zulkarnain, Maziah M. and C. H. Ismail. Growth and yield responses to water availability at

different growth stage of rice. *Food Agriculture and Environment*, 11(2): 367-371 (ISI)

33. Nur Adila Binti Rosidi.A.S. Juraimi, **Uddin**, **M. K.,** M.R. Ismail, and M. A. Alam. The influence of Trinexapac-Ethyl on growth and quality of Bermuda grass (*Cynodon dactylon* cv. Satiri). *Food Agriculture and Environment*, 3-4: 1498-1502 (ISI)
34. Ketaren, B.R., Ahmad, S.H., Abdul Shukor J., Rosenani, A.B. and **Uddin, M.K.** Floristic composition of weed community in selected vegetables field in Selangor, Malaysia. *Food Agriculture and Environment*, 3-4: 1659-1663 (ISI)
35. Farzad Aslani, Abdul Shukor Juraimi, Uddin, M.K. and Md. Amirul Alam. Allelopathic effects of *Tinospora tuberculata* on germination and seedling growth of plants. Research on Crops, **14** (4): 1222-1231. (ISI)

2012

36. **Uddin**, **M. K.,** A.S. Juraimi, M.R. Ismail, and M. A. Alam. Effects of salinity stress on growth and ion accumulation in turfgrass species. *Plant Omics Journal*, 5(3):244-252 (ISI, IF 0.347)
37. **Uddin**, **M. K.,** A.S. Juraimi, M.E. Ali and M. Razi Ismail. Evaluation of Antioxidant properties and mineral composition of *Portulaca oleracea* (L.) at different growth stage. *International Journal of Molecular Sciences*, 13:10257-10267; doi:10.3390/ijms130810257, (ISI, IF 2.864, Q2)
38. **Uddin**, **M. K.,** A.S. Juraimi, M.R. Ismail, M.A. Hossain and M. A. Alam. Effect of salinity on proximate mineral composition of purslane (*Portulca oleracea* L.). *Australian Journal of Crop Science*, 6:1732-1736 (ISI, SCOPUS)
39. **Uddin**, **M. K.,** A.S. Juraimi, M.R. Ismail, Radziah O. and A. A. Rahim. Physiological and growth response of tropical turfgrass to salinity stress. *The Scientific World Journal*, doi:10.1100/2012/905468 ((ISI)
40. **Uddin**, **M. K.,** A.S. Juraimi and M.R. Ismail. Weed management in tropical turfgrass turfgrass areas: A review. *Archives of Biological Sciences*, 64 (2): 597-603 (ISI, IF 0.718)
41. M. Ali, M. Kashif, U. Hashim, S. Mustafa and Y. B. Che Man and **Uddin, M.K.** Species Authentication Methods in Foods and Feeds: The Present, Past, and the Future of Halal Forensics. *Food Analytical Methods***:** doi: 10.1007/s12161-011-9357-3. (ISI, IF 1.96, Q2)
42. M. Z. Islam**,** M. Ashrafuzzaman, M.R. Ismail, **Uddin, M. K.** and M.A. Rahim. Improvement of yield potential of rice through combined application of biofertilizer and chemical nitrogen. *African Journal of Microbiology Research*, 6:745-750. ((SCOPUS))
43. Abdul Shukor Juraimi, A. H.M uhammad Saiful, Anuar Abd Rahim, M. Azmi, M. P. Anwar and **Uddin, M.K.** Effect of water regimes on germination of weed seeds in Malaysian rice field. *Australian Journal of Crop Science*, 6: 598-605 (ISI, SCOPUS)
44. M.M. Rahman, M. Ali, A. A. Khan, Uda Hashim, A. M. Akanda and **Uddin, M. K.** Isolation, Characterization and Identification of

Biological Control Agent for soft rot *Bacterium Erwinia crotovora* sub sp. *carotovora* of potato tubers in Bangladesh. *The Scientific World Journal,* doi:10.1100/2012/723293. ((ISI)

45. Muhammad Zubair, Farooq Anwar, Muhammad Ashraf and **Uddin, M. K.** Characterization of high-value bioactive in some selected varieties of Pakistani rice (*Oryza sativa* L.). *International Journal of Molecular Science, 13*(4), 4608-4622; (ISI, IF 2.864, Q2)
46. M. Ali, U. Hashim, S. Mustafa, Y. B. Che Man, Th. S. Dhahi, M. Kashif, and **Uddin, M. K.** Analysis of pork adulteration in commercial meatballs targeting porcine-specific mitochondrial cytochrome B gene by TaqMan Probe Real-time polymerase chain reaction. *Meat Science,* doi 10.1016/j.meatsci.2012.02.031, 454-459. (ISI, IF 2. 754, Q2)
47. Hamida A.R., A.S. Juraimi, **Uddin, M. K.,** U. A. Naher and M. A. Alam. Application of silica to suppress the disease infestation of *Pythium ultimum* and to increase the growth of bermuda cv Satiri. *African Journal of Microbiology research,* 6: 2079-2084 (SCOPUS)
48. Md. Alamgir Hossain, Mohd Razi Ismail, **Uddin**, **M. K.,** M. Ashrafuzzaman. Responses of glutamine synthetase-glutamate synthase cycle enzymes in tomato leaves under salinity stress. *International Journal of Agriculture and Biology,* 14 (4):509–515 (ISI)
49. Shahid Iqbal, Umer Younas, Sirajuddin, Raja Adil Sarfraz, KimWei Chan, **Uddin, M. K.**. Proximate composition and antioxidant potential of leaves from three varieties of Morus (Mulberry): A comparative study. *International Journal of Molecular Science,* 13(6): 6651-6664; doi:10.3390/ijms13066651 (ISI 2.864,Q2)

2011

50. **Uddin**, **M. K.,** A.S. Juraimi, M.R. Ismail, Radziah O. and A. A. Rahim. Effect of salinity stress on nutrient uptake and chlorophyll content of tropical turfgrass. *Australian Journal of Crop Science,* 5:620-629. (ISI, SCOPUS)
51. **Uddin**, **M. K.,** A.S. Juraimi, M.R. Ismail, Radziah O. and A. A. Rahim. Effect of sea water in combination with trifloxysulfuron and quinclorac in tropical turfgrass. *Australian Journal of Crop Science*, 10:1305-1310. (ISI, SCOPUS)
52. **Uddin**, **M. K.,** A.S. Juraimi, M.R. Ismail, Radziah O. and A.A.Rahim. Relative salinity tolerance of warm season turfgrass species. *Journal of Environmental Biology*, 32:309-312. (ISI, IF 0.563)
53. **Uddin**, **M. K.,** A.S. Juraimi, M.R. Ismail, Radziah O. U. A. Naher and A. A. Rahim. Application of saline water and herbicides as a method for weed control in the topical turfgrass: its impact on nutrient uptake and soil microbial community. *African Journal of Microbiology Research,* 5: 5:5155-5164. (SCOPUS)
54. Noor Azwa Zulkaliph, Abdul Shukor Juraimi, **Uddin**, **M. K.,** Mahfuza Begum, Mohd Saidi Mustapha, Silvia Malindo Amrizal and Noor Haniza Samsuddin. Use of saline water for weed control in seashore paspalum. *Australian Journal of Crop Science*, 5:523-530. (ISI, SCOPUS)

55. Abdul Shukor Juraimi, A. H.Muhammad Saiful, **Uddin**, **M. K.,** Anuar Abd Rahim, and M. Azmi. Diversity of weeds under different water regimes in irrigated direct seeded rice. *Australian Journal of Crop Science,* 5:595-604. (ISI, SCOPUS)

56. A.S. Juraimi and **Uddin, M. K.** (2011). Suppressing weed using sea water in salt tolerant turfgrass species. In *Recent Advances in Crop Science,* Vol. 1.ed. Wan Nooordin *et al*. Universiti Putra Malaysia, Malaysia, ISBN 978-967-344-257-7, Vol. I. pp.234-245.

2010

57. **Uddin**, **M. K.,** A.S. Juraimi, M.R. Ismail and J.B. Brosnan. Characterizing weed populations in different turfgrass sites throughout the Klang Valley of Western Peninsular Malaysia. *Weed Technology,* 24 (2): 173-181. (ISI, IF 1.058, Q2)

58. Shahidullah S.M, M.M. Hanafi, M. Ashrafuzzaman, **Uddin, M. K.** and M. Sariah 2010. Analysis of grain density and yield characteristics in aromatic rice genotypes. *Agrociencia,* 44: 325-337. (ISI, IF 0.262)

59. Ashrafuzzaman, M. M. Razi Ismail, K.M. Abdullah Ibna Fazal, **Uddin**, **M. K** and A.K.M.A. Prodhan. Effect of GABA application on the growth and yield of bitter Gourd (*Momordica charantia*). *International Journal of Agriculture and Biology***.** 12(1): 129-132. (ISI)

60. M. A. Saleque, **Uddin, M. K.,** M.A.Salam, S. Hafele and A.M. Ismail. (2010). Soil Characteristics of saline and non saline deltas of Bangladesh. In *Tropical deltas and costal zones*, ed. Chu *et al.*, USA. ISBN 978-1-84593-618-1, pp. 144-153.

61. M. R. Islam, M.A.Salam. M.A.R. Bhuiayan. M.A. Rahman, R. Yasmeen. M.S. Rahman, **Uddin**, **M. K.,** GB Gregorio and A.M. Ismail. (2010). Rice varieties and cultural management practices for high and sustained productivity in coastal wetlands of Southern Bangladesh. In *Tropical deltas and costal zones*, ed. Chu *et al.*, USA. ISBN 978-1-84593-618-1, pp. 183-198.

2009

62. **Uddin**, **M. K.** A.S. Juraimi, M.R. Ismail, Radziah O. and A.A.Rahim. Growth response of eight tropical turfgrass species to salinity. *African Journal of Biotechnology,* 21: 5799-5806. (SCOPUS)

63. **Uddin**, **M. K.** A.S. Juraimi, M. Begum, M.R. Ismail, Radziah O. and A.A.Rahim. Floristic Composition of Weed Community in Turfgrass Area of West Peninsular Malaysia. *International Journal of Agriculture and Biology,* 11: 13-20. (ISI)

64. M. Ashrafuzzaman, M. Nurul Millat, M.R. Ismail, **Uddin**, **M. K.** Shahidullah S.M and Meon Sariah. Paclobutrazol and bulb size effect on onion seed production. *International Journal of Agriculture and Biology*. 3: 245-250. (ISI)

65. M. Anisuzzaman**,** M. Ashrafuzzaman, M.R. Ismail, **Uddin, M. K.** and M.A. Rahim. Planting time and mulching effect on onion development and seed production. *African Journal of Biotechnology,* 8(3): 412-416. (SCOPUS)

66. Shahidullah, S.M, M.M. Hanafi, M. Ashrafuzzaman, **Uddin, M. K.** and Meon Sariah. Analysis of lodging parameters in aromatic rice. *Journal of Archives of Agronomy and Soil Science,* 55: 525-533**.** (ISI)

67. M. A. Hakim, A.S. Juraimi, M. Begum, M. Hasanuzzaman, **Uddin, M. K.**, and M.M.Islam. Suitability evaluation of ground water for irrigation, drinking and industrial purposes. *American Journal of Environmental Sciences,* 5(3): 413-419. (SCOPUS)

2008

68. M. A. Saleque, **Uddin**, **M. K.,** A. K. M. Ferdous and M. H. Rashid. Use of farmer's imperial knowledge to delinate soil fertility-management zones and improved nutrient-management for low land rice. *Communications in Soil Science and Plant Analysis*, 39:25-45. (ISI, IF 0.39)

69. U.A. Naher, M.A. Hashem, B.K. Mitra, **Uddin, M. K.** and M.A. Saleque 2004. Effect of rice straw and lime on phosphorus and potassium mineralization from cowdung and poultry manure under covered and uncovered conditions in the tropical environment. *Pakistan Journal of Biological Sciences.* 7(1):45-48. (SCOPUS)

70. U.A.Naher, M.A. Hashem, **Uddin**, **M. K.** M. Ahmed and M.A. Saleque 2004. Carbon mineralization and carbon dioxide evolution rate of cowdung and poultry manure along with rice straw and lime under covered condition in the tropical environment. *Pakistan Journal of Biological Sciences,* 7 (2):155-158. (SCOPUS

71. A.KM Saleh, M.A.Latif, M.I. Khan, H.Rahman and **Uddin, M. K.** 2003. Prevalence of fungi in mustard seeds grown and stored at different locations of Dhaka region, Bangladesh and their control. *Pakistan Journal of Biological Sciences,* 6 (11): 995-997. (SCOPUS)

72. **Uddin**, **M. K.** M.R Islam, M.M. Rahman and S.M.K. Alam 2002. Effects of sulphur, zinc and boron supplied from chemical fertilizers and poultry manure to wetland rice (cv.BRRI-dhan 30). *Online Journal of Biological Sciences,* 2 (3): 165-167. (SCOPUS)

73. S.M.K. Alam, M.A.Matin, M.A.Hossain and **Uddin, M. K.** 2002. Effect of different tillage systems on some Physical and chemical properties of a silt loam soil in rice field. *Online Journal of Biological Sciences*, 2 (8): 524-527. (SCOPUS)

74. Razi M.I., **Uddin**, **M. K.,** A.S. Juraimi, M.R. Ismail, W.A. Zulkarnain, Maziah M. and C. Harun.2013. Effect of different water regimes on rice growth and yield under field condition. *International Journal of Biology, Pharmacy and Allied Sciences*, 9:1232-1245 (Non ISI

75. M. R. Islam, M.A.Salam. M.A.R. Bhuiayan. M.A. Rahman, R. Yasmeen. M.S. Rahman, **Uddin**, M**. K.,** GB Gregorio and A.M. Ismail.2008. BRRI dhan 47: A salt tolerant variety for Boro

	season isolated through participatory variety selection. *International Journal of BioResearch,* 5:1-6. 76. M.M. Hoque M.H. Rashid, M. A. Aziz, and **Uddin, M. K.** 2006. Sorption behavior of phosphorus, potassium and calcium in different soil textures. *International Journal Sustainable Agriculture Technology*. 2 (5):12-18. 77. A.T.M.S.Hossain, M.A. Saleque, F.Rahman, **Uddin, M. K.** and S.K.Zaman. 2005. Carbon and nitrogen in rice soil after long-term fertilizer and manure management. *International Journal Sustainable Agriculture Technology*, 1 (3): 29-37. 78. U.A. Naher, M.A. Hashem, **Uddin, M. K.,** M. M. Sultana and M.A. Saleque. 2005. Carbon and nitrogen mineralization rate of cowdung and poultry manure. *Progressive Agriculture,* 1017-8139, 16 (1): pp 61-68 79. **Uddin**, **M. K.** A.Islam, M. A. Aziz, M. R. Islam and M. A. Saleque. 2004. Influence of selected soil properties on arsenic adsorption in some soils of Bangladesh. *Bangladesh Journal Progressive ScienceTechnology,* 2 (2): 69-74. 80. M. A. Aziz, M. A.Mazid Miah, M.M. Hoque and **Uddin, M. K.** 2004. Performance of fused magnesium phosphate on the growth and yield of wetland rice. *Journal Subtropical Agricultural Research Development,* 2 (3):1-5.
Books/Monographs	***Book (total-1)*** **1. Uddin**, **M. K.** and A.S. Juraimi. (2012). Using sea water for weed mangement in turfgrass, LAP LAMBERT Academic Publishing GmbH & Co. KG, Germany, ISBN 978-3-8473-7389-6, p.1-251.
Chapters in Books	***Book chapter (total-5)*** 1. A.S. Juraimi and **Uddin, M. K.** (2011). Suppressing weed using sea water in salt tolerant turfgrass species. In *Recent Advances in Crop Science,* Vol. 1.ed. Wan Nooordin *et al*. Universiti Putra Malaysia, Malaysia, ISBN 978-967-344-257-7, Vol. I. pp.234-245. 2. A.S. Juraimi and **Uddin, M. K.** (2015). Efficacy of some selected herbicides against weeds under aerobic rice. In *Advances in Rice Research,* Vol. 1.ed. Razi *et al*, Universiti Putra Malaysia, Malaysia. *Accepted* 3. A.S. Juraimi and **Uddin, M. K.** (2015). Uses of sea water with reduced herbicides to control salt tolerant weeds in recreational turf. In *Recent Advances in Crop Science,* Vol. II.ed. Wan Nooordin *et al*. Universiti Putra Malaysia, Malaysia, ISBN 978-967-344-257-7, Vol. II. Pp. 24-39.

	4. M. A. Saleque, **Uddin, M. K.,** M.A.Salam, S. Hafele and A.M. Ismail. (2010). Soil Characteristics of saline and non-saline deltas of Bangladesh. In *Tropical deltas and costal zones*, ed. Chu *et al.*, USA. ISBN 978-1-84593-618-1, pp. 144-153. 5. M. R. Islam, M.A.Salam. M.A.R. Bhuiayan. M.A. Rahman, R. Yasmeen. M.S. Rahman, **Uddin**, **M. K.,** GB Gregorio and A.M. Ismail. (2010). Rice varieties and cultural management practices for high and sustained productivity in coastal wetlands of Southern Bangladesh. In *Tropical deltas and costal zones*, ed. Chu *et al.*, USA. ISBN 978-1-84593-618-1, pp. 183-198.
Proceedings	***2017*** Md Kamal Uddin ,Shobana Manirasa , Hj Mohd Dandan Ame Hj Alidin , Abdul Shukor Juraimi. Using seawater for grassy weed control in bermudagrass. Proceedings of International conference on Geographical Evaluation of Agriculture in Pakistan: Challenges and remedies organized by the Department of Geography, Shah Abdul Latif University, Khairpur, Pakistan from 27-29 November 2107,p-2. ***2016*** **1.** **Uddin**, **M. K.** A.S. Juraimi, Li Quan, Azwan Awang and M.B. Jalloh. 2016. Growth response and mineral composition of purslane at different growth stage. In Raffi *et a.,l* (eds.) Proceedings of 7 th International Agriculture Congress, Hotel Bangi, Putrajaya, Malaysia, 4-6 October, 2016, p603-606. **2.** Masitah Ab Jalil, A.S. Juraimi, M.Y. Rafii and Uddin, M. K. 2016. Marker assisted backcross breeding in improving aerobic ability of weed competitive rice variety. Proceedings of 9 th International of Plant protection in tropics, Kuching, Sarawak Malaysia, 3-5 August, 2016, p603-606 **3.** Uddin, M. K. A.S. Juraimi, Sugi Sam, Azwan Awang and M.B. Jalloh. 2016. Growth response and mineral composition of purslane at different growth stage. In Raffi et a.,l (eds.) Proceedings of 7 th International Agriculture Congress, Hotel Bangi, Putrajaya, Malaysia, 4-6 October, 2016, p603-606. ***2015*** **4. Uddin**, **M. K.** and Hj Mohd. Dan Dan, 2015. Salinity effects on germination of Malaysian rice varities and weedy rice biotypes. Proceeding of 17th international Conference on biological ecosystems and ecological networks, Hotel Tobu Narita airport,Tokyo, Japan 28-29 May, 2015, p 3260. **2013** 5. Abdul Shukor Juraimi, Norhidayati Sunyob, Ahmad Selamat, **Uddin, M.K.,** Md. Parvez Anwar and Azmi Man. **P**lant spacing influence on weed competitiveness of aerobic rice. Proceeding

of 24th Asia Pacific Weed Science Conference, Bandung, Indonesia 22-26 October, 2013. p12-15.

6. Abdul Shukor Juraimi, Ahmad Selamat, **Uddin, M.K.,** Md. Parvez Anwar and Azmi Man. **P**lant spacing influence on weed competitiveness of aerobic rice. Proceeding of 24th Asia Pacific Weed Science Conference, Bandung, Indonesia22-26 October, 2013. p12-15.

7. Abdul Shukor Juraimi, Jaya Suria Arul Sebastain Micheal, **Uddin, M.K.**
Md. Parvez Anwar Ahmad Selamat and Azmi Man. Critical Period of weed control in aerobic rice. Proceeding of LRGS food security rice research colloquium, 31 January, 2013, Auditorium, Faculty Engineering, University Putra Malaysia, Serdang, Malaysia

8. Bashir Abdurrahman Farah, Abdul Shukor Juraimi, Md. Abdul Hakim and **Uddin, M.K.** Comparison of weed management between system of rice intensification and direct seeded rice. Proceeding of 2nd national conference on system of rice intensification, 11 - 13 June 2013, Orient Star Resort, Lumut, Perak.

2012

9. **Uddin**, **M. K.** A.S. Juraimi, M.R. Ismail, and Md. Amirul Alam 2012. Evaluation of antioxidant properties of purslane. In Zahara Rahman *et a.,l* (eds.) Proceedings of Agriculture Congress, Marriott Hotel, Putrajaya, Malaysia, 4-6 September, 2012.

2011

10. Abdul Shukor Juraimi, Azmi man, Md. Parvez Anwar, **Uddin**, **M. K.,** Fitrah Salimah Bt Saari and Nurul Farahidayu Bt Jaafar. 2012. Weed management in rice under low water input. Proceedings of first LRGS workshop-Food Security, 12 January, 2012, Main Hall Faculty of Agriculture, Universiti Putra Malaysia.

11. Batoul Samedani, Abdul Shukor Juraimi, Mohd Rafii Bin Yusop, Sheikh Awadz Sheikh Abdullah, **Uddin, M. K.** and Anuar Abdul Rahim 2011. Weed Suppressive ability of cover crops *Mucana bracteata* and soft grass *Axonopus compressus* in oil palm plantation. Proceedings of the International Oil palm congress, Kualalumpur, Malaysia 15-17 November, 2011.p12-15.

2010

12. **Uddin**, **M. K.** A.S. Juraimi, M.R. Ismail, Radziah O. and A.A.Rahim. 2010. Nutrient uptake response of tropical turfgrass species to salinity stress. In R.J.Gilkes and N.Prakongkep (eds.) Proceedings of the 7th International Conference 19th World Congress of Soil Science, 1-6 August, 2010, Brisbane, Australia.p13-16.

2009

13. **Uddin**, **M. K.** A.S. Juraimi, M.R. Ismail, Radziah O. and A.A.Rahim. 2009. Physiological and growth response of turfgrass species to salinity. In Dzolkhifli Omar *et a.,l* (eds.) Proceedings of Agriculture Congress, Selangor, Malaysia, 27-29 October, 2009. p. 83-85.

14. M. A. Saleque, **Uddin**, **M. K.,** A. Khatun, A. K. M. Ferdous and M. H. Rashid.2009. An evaluation of nutritional constraints on irrigated rice yield. In Proceedings of International Plant Nutrition Colloquium University of California, Davis USA, 9-13 October, 2009. p1083.

2008

15. M. R. Islam, M.A.Salam. M.A.R. Bhuiayan. M.A. Rahman, R. Yasmeen. M.S. Rahman, **Uddin**, **M. K.,** GB Gregorio and A.M. Ismail.2008.The trial of rice varietals development with crop for the coastal wetlands of Bangladesh. In Proceedings of Agriculture Congress, Bangsaen,Thailand, 2008. p.31.

16. M. A. Saleque, **Uddin, M. K.,** M.A.Salam, S. Hafele and A.M. Ismail.2008. Soil Characteristics of saline and non saline deltas of Bangladesh. Proceedings of Agriculture Congress, Bangsaen,Thailand. p.28.

2006-2003

17. M. A. Saleque, **Uddin**, **M. K.,** A. K. M. Ferdous, M. H. Rashid and N.P.Magor. Compositional nutrient diagnosis for lowland rice in Bangladesh 2006. Proceedings of the 2nd International Rice research Conference on 9-13 October, 2006, New Delhi, India. pp 80-81.

18. M. A. Saleque, A. K. M. Ferdous, **Uddin, M. K.** and M. H. Rashid.2005. Participatory Integrated Plant nutrient management for rice. In Technology Development Workshop, IRRI Proc. p.75.

19. M. A. Saleque, **Uddin**, **M. K.,** A. K. M. Ferdous and M. H. Rashid. Farmers participatory soil fertility mapping and nutrient management for rice 2004. Proceedings of the 10th International Congress of Soil Science on 16-19 March, 2004 at Sindh Agricultural University, Tandojam, Pakistan. p 68.

20. M. A. Saleque, **Uddin**, **M. K.,** M. S. Rahman, Z. U. Ahmed and M. J. Abedin. Arsenic adsorption in some soils of Bangladesh 2003. In G.R.Gobran and N.Lepp (eds.) Proceedings of the 7th International Conference on the Biogeochemistry of trace elements. Uppsala, Sweden in June15-19, 2003. vol. 1. Scientific Programs 3.pp. 52-53.

	Scientific Report: 1. M. A. Saleque, A. K. M. Ferdous, **Uddin, M. K.** and M. H. Rashid.2002. Farmers' participatory evaluation of nutrient management packages in Rainfed Aus rice in northeast Bangladesh. Soil Science Division, Bangladesh Rice Research Institute, Gazipur 1701. 2. M. A. Saleque, **Uddin**, **M. K.** A. K. M. Ferdous and M. H. Rashid.2002. Plant nutrient management for increased T.Aman yield in northeast region. Soil Science Division, Bangladesh Rice Research Institute, Gazipur 1701. 3. M. A. Saleque, A. K. M. Ferdous, **Uddin, M. K.** and M. H. Rashid.2002. Report on Benchmark survey. Participatory Integrated Plant nutrient management for intensive rice-based cropping. (Moulvibazar and Habiganj districts). Soil Science Division, Bangladesh Rice Research Institute, Gazipur 1701. 4. M. A. Saleque, A. K. M. Ferdous, **Uddin, M. K.** and M. H. Rashid.2004. Evaluation report on subproject Participatory Integrated Plant nutrient management for intensive rice-based cropping.(December 2002-June 2004). Soil Science Division, Bangladesh Rice Research Institute, Gazipur 1701. 5. M. A. Saleque, A. K. M. Ferdous, **Uddin, M. K.** and M. H. Rashid.2004. Completion report on subproject Participatory Integrated Plant nutrient management for intensive rice-based cropping. (December 2002-June 2004). Soil Science Division, Bangladesh Rice Research Institute, Gazipur 1701.
Computer software	Microsoft Office, SAS, Excel

H. PROJEK PENYELIDIKAN TERDAHULU *(Past Research Projects)*

Project No.	*Project Title*	*Role*	*Year*	*Source of fund*	*Status*
9494700	Response of Bambara groundnut to light, temperature and seed burial depth,	Project Leader	2016	RUGS, UPM	Open
-	Weed Competitive ability of different weedy rice variants against rice cultivar	Project Leader	2014-2016	RUGS Grant/UPM	Completed
-	Investigation of antioxidant properties and nutrient composition of Purslane (*Portulaca*	Project Leader	2014	UMS research grant	completed

	oleracea L.) grown under salinity stress				
-	Sustainable turfgrass fungal diseases control by using silicon, copper and boron	Co-researcher	2011-2013	Science fund	Completed
-	Improving productivity in the salt affected areas for rice	Co-researcher	2005-2007	DFID-IRRI	Completed
-	Integrated Plant nutrient management for intensive rice	Co-researcher	2001-2004	DFID-IRRI	Completed