

List of Journal Papers – Prof. M.M.M. Najim

Peer Reviewed Indexed Journals

1. Halwatura, D., **Najim, M.M.M.**, 2013. Application of the HEC-HMS model for runoff simulation in a tropical catchment, *Environmental Modelling & Software*, 46: 155-162. (**Indexed in** : Science Citation Index)
2. P.D.H.N. Gunathilaka, R.M.N.S. Ranundeniya, **M.M.M. Najim** and S. Seneviratne. 2011. Determination of air pollution using *Heterodermia speciosa* from Colombo and Kurunegala, Sri Lanka using energy dispersive X-ray fluorescence spectrometry, *Turkish Journal of Botany*, 35(4): 439-446. (**Indexed in** : Science Citation Index Expanded)
3. **M.M.M. Najim**, M. Aminul Haque and S.M. Bockari-Gevao. 2010. Irrigation energy consumption in a tropical lowland rice field, *Journal of Agricultural Sciences*, 5(1) : 01 – 08 (**Indexed in** : CAB Direct, Summon by Serial Solutions)
4. U.S.C. Udagedara and **M.M.M. Najim**, 2009. Potential to enhance the extent of paddy cultivation using domestic and municipal wastewater harvesting - a case study from the dry zone of Sri Lanka. *Journal of Applied Irrigation Science*, 44(2): 239-248. (**Indexed in** : CAB Direct, GEOREF)
5. I. H. Rajapakshe, L. W. Galagedara and **M.M.M. Najim**, 2008. Microbial water quality variations in consumable water sources and pollution contributions by Pussalla Oya Catchment Communities, *Tropical Agricultural Research*.20: 314-326. (**Indexed in** : CAB Direct, Summon by Serial Solutions)
6. Rajapakshe, I.H. and **Najim. M.M.M.** 2007. Water and Nutrient Balance in a Paddy Field Irrigated by Wastewater During Off (Yala) Season in Kurunegala, Sri Lanka, *Journal of Applied Irrigation Science*, 42 (1): 77-91. (**Indexed in** : CAB Direct, Summon by Serial Solutions)
7. **M.M.M. Najim**, T.S. Lee, M. Aminul Haque and M. Esham, 2007. Sustainability of Rice Production: A Malaysian Perspective, *Journal of Agricultural Sciences, Sabaragamuwa University of Sri Lanka*. 3(1): 1-12. (**Indexed in** : CAB Direct, Summon by Serial Solutions)
8. **Najim. M.M.M.** Babel M.S. and R. Loof. 2006 AGNPS Model Assessment for a Mixed Forested Watershed in Thailand, *ScienceAsia* 32(1): 53-61. (**Indexed in** : Science Citation Index Expanded)
9. Lee, T.S. **Najim, M.M.M.** Aminul, M.H. and H.Y. Feng 2005. Modeling of Changes in Evapotranspiration for an Area in Peninsular Malaysia, *Pertanika Journal of Science and Technology*, 13(2): 237-248. (**Indexed in** : CAB Direct, Summon by Serial Solutions)
10. Lee, T.S. Aminul, M.H. and **Najim, M.M.M.** 2005. In-Time Rice Irrigation Water Management Under Limited Water Supply. *Pertanika Journal of Science and Technology*, 13(2): 97-111. (**Indexed in** : CAB Direct, Summon by Serial Solutions)
11. **Najim, M.M.M.** Lee, T.S. and A. Haque, 2005. Felcra paddy estate management decision support system - Part1: Capabilities and output, *Journal of Applied Irrigation Science*, 40(2): 247-258. (**Indexed in** : CAB Direct, GEOREF)

12. **Najim, M.M.M.** Lee, T.S. and A. Haque, 2005. Felcra paddy estate management decision support system - Part1: Design and development, Journal of Applied Irrigation Science, 40(2): 231-246. (**Indexed in** : CAB Direct, GEOREF)
13. Aminul, M.H. **Najim, M.M.M** and. Lee, T.S. 2005. Evaluation of Water Use in a Rice Double Cropping System in Malaysia, Tropical Agricultural Research, 17: 104 - 113. (**Indexed in** : CAB Direct, Summon by Serial Solutions)
14. Lee, T.S. Aminul, M.H. and **Najim, M.M.M.** 2005. Modeling water resources allocation in a run-of-the-river rice irrigation scheme. Water Resources Management 19: 571–584. (**Indexed in** : Science Citation Index Expanded)
15. Lee, T.S. Aminul, M.H. and **Najim, M.M.M.** 2005. Scheduling the cropping Calendar in Wet-Seeded Rice Schemes in Malaysia. Agricultural Water Management, 71(1): 71-84. (**Indexed in** : Science Citation Index)
16. Babel, M.S. **Najim, M.M.M.** and Loof, R. 2004. Assessment of AGNPS Model for a Watershed in Tropical Environment, Journal of Environmental Engineering of the ASCE, 130(9): 1032 – 1041. (**Indexed in** : Science Citation Index)
17. Lee, T.S. **Najim, M.M.M.** and Aminul, M.H. 2004. Estimating Evapotranspiration of Irrigated Rice at the West Coast of the Peninsular of Malaysia, Journal of Applied Irrigation Science, 39:103-117. (**Indexed in** : CAB Direct, GEOREF)
18. Aminul, M.H. **Najim, M.M.M.** and Lee, T.S. 2004. Modeling Irrigation Water Delivery Schedule for Rice Cultivation in East Coast Malaysia, Tropical Agricultural Research, 16: 204-213. (**Indexed in** : CAB Direct, Summon by Serial Solutions)
19. **Najim, M.M.M.** Aminul, M.H. and Lee, T.S. 2004. LPWM Expert: An expert system for water management during land preparation in a paddy estate in Malaysia, Tropical Agricultural Research, 16: 150-158. (**Indexed in** : CAB Direct, Summon by Serial Solutions)

Peer Reviewed Journals

1. Halwatura, D., Najim, M.M.M., 2014. Environmental Flow Assessment–An Analysis, Journal of Environmental Professionals Sri Lanka, 3(2): 1-11.
2. Bandara, H.M.K.S. and M.M.M. Najim 2014. Compliance with standards and immerging issues of household sewage disposal systems in Gampaha municipality area in Western Sri Lanka, Journal of Environmental Professionals Sri Lanka, 2(2): 1-12.
3. U.S.C. Udagedara and **M.M.M. Najim**,2009. Water Based Disease Incidents due to Inadequate Access to Sanitation and Water Supply in Four PHI Areas in Mawanella, Sri Lanka. The Environ Monitor, 9(11 &12): 28-33.
4. M Aminul Haque and **M.M.M. Najim.** 2008. An Overview of Policy and Institutional Distribution for Drinking Water Supply in the Arsenic Affected Areas in Bangladesh, The Environ Monitor.8(3-4): 4-13.

5. Rajapakshe, I.H., Gunawardana, I.P.P., and **Najim, M.M.M.** 2007. Problems Associated with Utilization and Management of Wastewater: A Case Study from Sri Lanka. *The Environ Monitor*, 7(11): 4-13.
6. **Najim, M.M.M.** 2004. Effect of grid subdivision on AGNPS simulations in a tropical watershed, *Agricultural Engineering, The Journal of the Agricultural Engineering Society of Sri Lanka*, 8: 49 - 56.
7. M. Aminul Haque, T.S. Lee, **M.M.M. Najim**, and T.A. Mohammed. 2004. Water allocation modeling for Besut rice irrigation scheme in Malaysia, *Journal of the Agricultural Engineering Society of Sri Lanka*, 8: 1 - 8.
8. **Najim, M.M.M.**, Aminul, M.H. and. Lee, T.S. 2003. Paddy estate water management decision support system (DSS), *Journal of South Pacific Agriculture*, 10: 10 – 16.
9. Aminul, M.H. **Najim, M.M.M** and. Lee, T.S. 2002. Decision support tool for pre-saturation water management under gravity irrigation, *Journal of South Pacific Agriculture*, 9: 46 – 52.