

PUBLICATIONS

1. Species composition and abundance of fishes with seasonal fluctuations of rainfall and water level in Vavuniya reservoir, Sri Lanka (**Accepted in *Int. Res. J. Environment Sci.***).
2. Umasuthan, S., Patrick, A. E. S., Naveendrakumar G. and Kuganathan, S. (2017). Developmental abnormalities of *Betta splendens* (Siamese fighting fish) embryos reared in oil and grease contaminated water samples of Vavuniya reservoir, Sri Lanka', *Int. Res. J. Biological Sci.*, Vol. 6(4), pp. 27-31.
3. Patrick, A. E. S and Kuganathan, S. (2016). Seasonal hydro-climatic consequences on fish harvests in Vavuniya reservoir, Sri Lanka', *Int. Res. J. Environment Sci.*, Vol. 5(9), pp. 55-62.
4. Patrick, A. E. S. (2016). Influence of rainfall and water level on inland fisheries production: Review. *Archives of Applied Science Research*. 8 (6):pp.44-51.
5. Patrick, A. E. S., Kuganathan, S., & Edirisinghe, U. (2015). Effects of hydro-climatic fluctuations on catchability of fish in Vavuniya reservoir, Sri Lanka. *Tropical Agricultural Research*, 26 (2): pp. 402 – 408.
6. Patrick, A.E.S., Kuganathan, S. and Edirisinghe, U. (2015). Negative allometric growth of *Oreochromis niloticus* from polluted and non-polluted locations of the Vavuniya reservoir, Sri Lanka, Sri Lanka: Proceedings of the 21st Annual Session, Sri Lanka Association for Fisheries and Aquatic Resources. p.37.
7. Patrick, A.E.S., Kuganathan, S. and Edirisinghe, U. (2014). Linear morphometric phenomenon of *Oreochromis niloticus* in polluted location of Vavuniya reservoir, Sri Lanka, Proceedings of the Postgraduate Institute of Science Research Congress, University of Peradeniya, Sri Lanka. p. 84.
8. Patrick, A.E.S., Kuganathan, S. and Edirisinghe, U. (2014). Effect of rainfall pattern on fish production in a medium perennial, Vavuniya reservoir, Sri Lanka: Proceedings of the 20th Annual Session, Sri Lanka Association for Fisheries and Aquatic Resources. p.18.
9. Patrick, A.E.S., Kadotgasan, J.M. and Naveendrakumar, G. (2012). Study to detect impacts of pollution on the distribution of zooplankton in the northern tropical ponds in Sri Lanka. *Archives of Applied Science Research* 4(6): 2552-2556.
10. Patrick, A. E. S., Kadotgasan, J. M., and Naveendrakumar, G. (2011). Preliminary study of major zooplankton's abundance in polluted and non-polluted locations of Vavuniya tank and Ariyakulam Pond. Vavuniya Campus Annual Research Session (VCARS) 2011 Proceedings, p.15.

11. Patrick, A. E. S., Arjunan, K., and Naveendrakumar, G. (2011). Sex ratio, Gonadosomatic index and Fecundity of *Tilapia* sp. in the Vavuniya town tank. Vavuniya Campus Annual Research Session (VCARS) 2011 Proceedings, p. 14.
12. Patrick, A. E. S., Naveendrakumar, G., and Arjunan, K. (2011). Some aspect of linear morphometrics and sex ratio of *Tilapia* sp. in polluted and non-polluted location of Vavuniya tank. Vavuniya Campus Annual Research Session (VCARS) 2011 Proceedings, p. 13.
13. Patrick, A. E. S., Sukanyah, S., and Manjeevan, A. (2011). Preliminary study of Schooling behavior of *Poecilia reticulata* in the Vavuniya town tank water samples subjected to oil and grease pollution. Vavuniya Campus Annual Research Session (VCARS) 2011 Proceedings, p. 12
14. Patrick, A. E. S., Sukanyah, S., and Naveendrakumar, G. (2011). Preliminary study of learning behavior of *Poecilia reticulata* in the Vavuniya town tank water samples subjected to oil and grease pollution. Vavuniya Campus Annual Research Session (VCARS) 2011 Proceedings, p. 11.
15. Patrick, A.E.S. (2009). Biological Study of *Betta splendens* (Regan, 1910) in Semi Natural Aquaria in Jaffna District. Jaffna Science Association (JSA) on 16th Annual Session. p. 05.
16. Patrick, A.E.S. (2009). Viable growth performance of *Betta splendens* (Regan, 1910) Larvae with different aquaria environment and diets in Jaffna District. Sri Lankan Association for the Advancement of Science (SLAAS) on 65th Annual Session. p. 82.
17. Patrick, A.E.S. (2009). Ornamental fish *Betta splendens* (Regan, 1910) Larval Growth Rate Study using Experimental Diets. Jaffna Science Association (JSA) on 16th Annual Session, p. 06.