**List of Publications**

**Publications (61)**

**Publications (Total Abstract)(41)**

**International conferences/workshops (15)**

1. RathnayakaV. L., Amarathunga, A.A.D.\*, and Jayasiri, H.B., 2019. ***Microplastics Contamination in Selected Beaches in Western and Southern coast of Sri Lanka.*** The Second WESTPAC Scientific Symposium and Third Workshop onDistribution, Source, Fate and Impacts of Marine Microplastics and Plastics in Asia and the Pacific 6-8 November 2019, Chongming, Shanghai.
2. Supith, E., ***Amarathunga, A.A.D***. , Jayasinghe, G. Y., 2019. A study on the adsorption and photo degradation of chlorpyrifos pesticide with natural absorbentmaterials. Proceedings of the 7th SURF International Workshop, 20-22 September 2019, Galle, Sri Lanka
3. WDTN Nandasena, ***AAD Amarathunga***, S.R.C.N.K. Narangoda, GY Jayasinghe, 2019. Study on pollutant levels in upper catchment of the Kelani river basin: A case study in Maussakelle reservoir. International Conference on Water & Air Pollution – Recent Advances in Research” 29th & 30th March 2019, Postgraduate Institute of Science, University of Peradeniya, Sri Lanka.
4. Hettige, N.D., Weerasekara, K.A.W.S., ***Amaratunga, A.A.D***., 2018. A study of dredging impacts on water quality in Bomuruella Reservoir, Nuwara Eliya. Twenty third International Forestry and Environment Symposium, University of Sri Jayawardanapura, Nugegoda, Sri Lanka.
5. S.A.D.M.Samarakoon, N.D.Hettige, ***A.A.D.Amarathunga*,**G.Y.Jayasinghe, (2016). Assessment of Pollution Risk in Maduganga Lagoon with Special Reference to Water Qualityand Benthos. Conference: Internationa Symposium on Agriculture and Environment : Towards a Knowledge-based Bioeconomy: New Challenges, Opportunities and Solutions, At University of Ruhuna, Sri Lanka, Volume: (Student session).
6. ***Deeptha AMARATHUNGA*** and Futaba KAZAMA, (2014). Photodegradation of chlorpyrifos an organophosphorus pesticide with suspended matter bounded humic acid. Proceedings of Water and Environment Technology Conference 2014, 28th-29th June 2014, **WasedaUniversity,Tokyo, Japan**. 29pp.
7. Weerasekara, K.A.W.S., AzmyS.A.M.,Wickramarachchi, W.DN., Amarathunga A.A.D. (2014).Water quality status of some selected water wells located in Kebithigollawa and Medawatchiyainnorth central province. International **Symposium** on Water Quality and Human Health: Challenges Ahead, 27 – 28, June 2014 at Post Graduate Institute of Science, University of Peradeniya, Sri Lanka. pp.10.
8. Weerasekara, K.A.W.S., Azmy S.A.M., Hettige, N.D., Wickramarathne, C*.,* ***Amarathunga A.A.D.***, Heenatigala P.P.M and Rajapakshe, W. (2012). Assessment of Water Quality Status of Aquatic Environment Subjected to Frequent Occurrences of Fish Kill Incidents. **International Symposium** on Water Quality and Human Health: Challenges Ahead, 22 – 23, March 2012 at Post Graduate Institute of Science, University of Peradeniya, Sri Lanka. pp.50.<http://www.pgis.lk/watersym/docs/proceedings_2012.pdf>
9. Azmy, S.A.M., Weerasekara, K.A.W.S., Hettige N.D., Wickramarathne, C., and ***Amarathunga A.A.D.*** (2012). Water Quality Status in Some Selected Water Bodies in Anuradapura District. **International Symposium** on Water Quality and Human Health: Challenges Ahead, 22 – 23, March 2012 at Post Graduate Institute of Science, University of Peradeniya, Sri Lanka. Pp.18. <http://www.pgis.lk/watersym/docs/proceedings_2012.pdf>
10. Azmy S.A.M., Weerasekara K.A.W.S., Hettige N.D., Wickramaratne C. and ***Amarathunga A.A.D.***  (2012) Rapid Assessment Survey toDetermine Current Status of Water Quality in Puttalam Lagoon, Giant’s Tank and Akurala Water Bodies**. International Symposium** on Water Quality and Human Health: Challenges Ahead, 22 – 23, March 2012 at Post Graduate Institute of Science, University of Peradeniya, Sri Lanka. Pp. 26. <http://www.pgis.lk/watersym/docs/proceedings_2012.pdf>
11. ***Amarathunga, A.A.D.*,**Weerasekara, K. A. W.S, Shirantha, R. R. A. R., Sureshkumar, N., and Azmy, S. A. M. (2010). Nutrient Loading in NanuOya, DabagasthalawaOya and Agra Oya in Mahaweli Upper Catchment of Sri Lanka, **International symposium** on “New Horizons in Humanities and Science Towards Sustainable Development”, 26th to 28th August 2010, Sabaragamuwa University of Sri Lanka. 137pp.<http://www.sab.ac.lk/IS-2010/Data%20Docs/Schedule-19.08.2010.pdf>
12. Azmy, S. A. M., Wickramaarachchi W.D.N., Weerasekara, K. A. W.S, ***Amarathunga, A.A.D.*** (2010). Status of Dutch Cannel After Dredging Operations with Special Reference to Water Quality, **International symposium** on “New Horizons in Humanities and Science Towards Sustainable Development”, 26th to 28th August 2010, Sabaragamuwa University of Sri Lanka. 138pp. <http://www.sab.ac.lk/IS-2010/Data%20Docs/Schedule-19.08.2010.pdf>
13. Wickramaarachchi W.D.N., Azmy S. A. M., Sureshkumar, N., ***Amarathunga, A.A.D*.,**Weerasekara, K. A. W.S. (2010) Assessment of marine litter in coastal and marine environment of western and southern coast of Sri Lanka in relation to water pollution. Proceeding part - i Abstract of the 15th **International Symposium** on Forestry and Environment 26 to 27 November 2010, University of Sri Jayawardenapura, Nugegoda, Sri Lanka. 115pp
14. Sureshkumar, N., ***Amarathunga, A.A.D****.*andWickramaarachchi, W.D.N. (2007) Comparison of physico – chemical characteristics and pollution trends of the Menik Ganga, KirindiOya and Walawe Ganga, **International Conference** on Trophycal Aquatic Research towards sustainable development, 15th – 16th February 2007, NARA, Colombo, Sri Lanka. 41pp.
15. Sureshkumar, N. Wickramaarachchi, W.D.N. and ***Amarathunga, A.A.D.***(2007), An overview of recent physical-chemical information on the waters of Palk Bay and Palk Strait, **International Conference** on Trophycal Aquatic Research towards sustainable development, 15th – 16th February 2007, Colombo, Sri Lanka. 40pp.

**National conferences (26)**

1. K.M.G.G.N.S. Ranasingha, ***A.A.D. Amarathunga*,** G.D.M.N. Jayawardana,G.Y. Jayasinghe, K.AW.S. Weerasekara and S.R.C.N.K. Narangoda, 2019. Development of a model treatment system for fish effluent in small scale fish stall, aquatic research to nurturing the nation, NARA Scientific Session, Colombo, Sri Lanka.
2. K.M.G.G.N.S. Ranasingha, ***A.A.D. Amarathunga,*** G.D.M.N. Jayawardana, G.Y. Jayasinghe, B.R.C. Mendis, M.D.S.R. Maddumage and J.K.P.C. Jayawardhane, (2019). Assessment of fish waste water and perception on waste water discharge from small scale fish stalls Owners, aquatic research to nurturing the nation, NARA Scientific Session, Colombo, Sri Lanka.
3. Ranasingha, K.M.G.G.N.S.,***Amarathunga, A.A.D.,***Jayawardana, G.D.M.N., Jayasinghe, G.Y., Weerasekara, K.AW.S., and Narangoda, S.R.C.N.K., 2019. Development of a model treatment system for fish effluent in small scalefish stall. Aquatic Research to Nurture the Nation. Scientific Session - 2019, National Aquatic Resources Research and Development Agency (NARA), Sri Lanka.
4. Ranasingha, K.M.G.G.N.S., ***Amarathunga, A.A.D*.,**Jayawardana, G.D.M.N., Jayasinghe, G.Y., Mendis, B.R.C., Maddumage, M.D.S.R., and Jayawardhane, J.K.P.C., 2019.Assessment of the perception of owners on waste water discharge fromtheir small-scale fish stalls, Aquatic Research to Nurture the Nation. Scientific Session - 2019, National Aquatic Resources Research and Development Agency (NARA), Sri Lanka.
5. Chathurani, S.H.U., Ranathunga, R.R.M.K.P., ***Amarathunga, A.A.D.,***Hettige, N.D., and Weerasekera, K.A.W.S., 2019. Present status of the water quality in Beruwala Fishery Habour, Sri Lanka. Aquatic Research to Nurture the Nation. Scientific Session - 2019, National Aquatic Resources Research and Development Agency (NARA), Sri Lanka.
6. P.C. Kithmini, ***A.A.D. Amarathunga***, C.H.A. Narangoda, G.Y. Jayasinghe (2018). Nutrient Behaviour and its Impact on Primary Productivity and Benthic Community in Dedduwa Estuary, Bentota River, Sri Lanka. International conference of National Aquatic Resources Research & Development Agency (NARA). Pp35.
7. ***A.A.D. Amarathunga***, D.D.G.L. Dahanayaka, S.A.M. Azmy, V. Pahalawattaarachchi, N.D. Hettige, (2017). Assessment of Environmental Damage Due to Oil Spill Incident at Lunawa lagoon, Muthurajawela, Third national marine symposium on marine environment, MEPA.
8. G.M.T.E. Jayaratne, G.J. GanegamaArachchi, ***A.A.D. Amarathunga***, RuchithaPerera and Wickramasinghe, 2017. Investigation of histamine in *Katsuwonuspelamis* (skipjack tuna) harvested by multi-day boats using a rapid colourimetric method. Proceedings of the National Aquatic Resources Research and Development Agency (NARA), Scientific Sessions. Colombo, Sri Lanka.pp58.
9. N.D. Hettige, ***A.A.D. Amarathunga***, S.R.C.N.K. Narangoda, M.D.S.R. Madduamge and K.A.W.S. Weerasekara, 2017. Assessment of current status of water quality in Madu Ganga Lagoon: A Ramsar Wetland in Sri Lanka. Proceedings of the National Aquatic Resources Research and Development Agency (NARA), Scientific Sessions. Colombo, Sri Lanka.pp43.
10. K.C.S. De Silva, ***A. A. D. Amarathunga*** and S. C. Jayamanne, 2017. Study on diazinon pesticide adsorption to soil and its impact on two species of zooplankton. Proceedings of the National Aquatic Resources Research and Development Agency (NARA), Scientific Sessions. Colombo, Sri Lanka. pp33.
11. A.A..D.T.A.Amarasinge, S.A.M. Azmy, K.A.W.S. Weerasekara, S.C. Jamanna, J.K.P.C. Jayawardana, N.D. Hettige, M.D.S.R. Maddumage, *A.A.D. Amarathunga*, S.R.C.N.K. Narangoda, and W.D.N. Wickramaraachchi, 2016. Assessment of Current Water Pollution Status of Lagoons and Coastal Waters in North Western Province of Sri Lanka.Twenty second annual scientific session, Sri Lanka Association for Fisheries and Aquatic Resources, 03rd June 2016, NARA Auditorium, Sri Lanka, pp 17.
12. D.R.I.G. Ariyasinghe, S.A.M. Azmy, K.A.W.S. Weerasekara, S.C. Jamanna, J.K.P.C. Jayawardana, N.D. Hettige, M.D.S.R. Maddumage, *A.A.D. Amarathunga*, S.R.C.N.K. Narangoda, and W.D.N. Wickramaraachchi, 2016. Phytoplankton diversity and distribution in relation to the water quality of Batticaloa lagoon, Sri Lanka. Healthier aquatic environment for the economic growth, NARA scientific sessions 2016, colombo.
13. M.S Weerasooriyagedara, N.DHettige, ***A.A D.Amarathunga*,** R.M.G.N. Rajapaksha, S.C Jayamanne, K.A.W.S.Weerasekara, M.D.S.R. Maddumage, S.A.M.Azmy, W.D.N. Wickramaarachchi, J.K.P.C. Jayawardane, S.R.C.N.K. Narangoda, 2016. Study of the Diversity of Benthic Macro-Invertebrates at Panadura Estuary in Sri Lanka. Conference: Towards emerging trend in value addition, 6th research symposium, At UvaWellassa University, Badulla, Sri Lanka.
14. ***Amarathunga, A.A.D***. and Kazama, F. (2015). Model estimation of pesticide concentration in downstream waters of tropical river basins. “Aquatic Research for Blue Economic Development, NARA, Scientific Sessions – 2015, Colombo, Sri Lanka, pp 25.
15. Narangoda, S. R. C. N. K., Maddumage, M. D. S. R., Wikramarachchi, W.D. N., Weerasekara, K. A. W. S., Hettige, N. D., Jayawardhane, J. K. P. C. ,Azmy, S. A. M, ***Amarathunga, A. A. D*.** and Mendis, B. R. C. (2015). Water quality status of selected Aquatic environment in Sri Lanka during fish kill incidents. Role of Aquatic Resources Towards Blue Economy, Twenty first annual scientific session, Sri Lanka Association for Fisheries and Aquatic Resources, 22nd May 2015, NARA Auditorium, Sri Lanka. pp18.
16. Jayawardhane, J. K. P. C. ,Narangoda, S. R. C. N. K., Maddumage, M. D. S. R., Weerasekara, K. A. W. S., Hettige, N. D., Azmy, S. A. M, ***Amarathunga, A. A. D****.,* Mendis, B. R. C. and Wikramarachchi, W.D. N., (2015). Status of water pollution at some selected coastal habitats in the Eastern coast of Sri Lanka. Role of Aquatic Resources Towards Blue Economy, Twenty first annual scientific session, Sri Lanka Association for Fisheries and Aquatic Resources, 22nd May 2015, NARA Auditorium, Sri Lanka, pp38.
17. Gammanpila, M., Weerasekara, K.A.W.S., Hettige, N.D., Wickramarachchi, W.D.N., ***Amarathunga, A.A.D****.*, Azmy, S.A.M., Maddumage, M.D.S.R. and Jayawardhane, J.K.P.C. (2015). Hydrography, nutrients and abundance and distribution of zooplankton in Puttalam Lagoon, Sri Lanka. Second National Symposium on Marine Environment – 2015, 18th & 19th November 2015 Colombo.
18. ***Amarathunga, A.A.D.****,*Weerasekara, K.A.W.S., Azmy, S.A.M., and Wickramaarachchi, W.D.N. (2013). The impact of the suspended sediment variation on aquatic invertebrates in Gin Ganga basin. Fisheries and Aquatic Resources Development for a Quality Life”, NARA, Scientific Sessions – 2013 Colombo, Sri Lanka, November, 29, 2012.
19. Hettige, N.D., Weerasekara, K.A.W.S., Azmy, S.A.M., Wickramaratne, C. and***Amarathunga, A.A.D.***(2012). Identification of current water pollution status at Wellawatta Canal sea mouth: a case study of marine pollution in Sri Lanka. Meeting Challenges in Fisheries and Aquatic Resources Development, NARA scientific sessions 2012, December, 2012.
20. Weerasekara, K.A.W.S., Azmy, S.A.M., Wickramaarachchi, W.D.N. and ***Amarathunga, A.A.D.*** (2012). Water quality status of some selected water wells located in Padaviya, North Central Province. Meeting Challenges in Fisheries and Aquatic Resources Development, NARA scientific sessions 2012, December, 2012.
21. ***Amarathunga A. A. D.*** and Sureshkumar N. (2009). Status of physic-chemical parameters and pollution load washed into Madu Ganga Lagoon from catchment area. Proceedings of the 65th Annual Session, Sri Lanka Association for Advancement of Science, Sri Lanka. 426/D, 91pp.
22. Shirantha, R. R. A. R., ***Amarathunga, A. A. D.***andWeerasekera, K. A. W. S. (2009). Assessment of ecological integrity of Kothmale upper-catchment of Sri Lanka through a study of invertebrate community. First National Symposium of Natural Resources Management. Department of Natural Resources, Faculty of Applied Sciences, Sabaragamuwa University of Sri Lanka (56p)
23. Weerasekera, K. A. W. S., ***Amarathunga A. A. D.,***Sureshkumar, N., Azmy, S.A.M. and Shirantha, R. R. A. R. (2009), Comparison of Physico-Chemical Parameters of Uma Oya&BaduluOya Sub Catchments (of the Mahaweli Upper Catchment) with special reference to the water pollution. Sri Lanka Association for Advancement of Science, Proceedings of the 65th Annual Session, Sri Lanka. 834/D, 211pp
24. Shirantha, R. R. A. R. ***Amarathunga, A. A. D.***andAmarasinghe, U.S. (2008) Faunal invasions of riverine ecosystems in Sri Lanka: Remarks to implement effective control measures to prevent range expansion of alien ichthyofauna. Fourteenth Annual Scientific Sessions, Sri Lanka Association for Fisheries and Aquatic Resources, June 2008, Colombo, Sri Lanka. 11pp.
25. Shirantha, R. R. A. R. ***Amarathunga, A. A. D.***andWeerasekara, K. A. W. S. (2008). Do feral populations of Poecilia reticulate ready to bring its overall efficacy as a mosquito bio-control agent or pose threats to aquatic biodiversity in Sri Lanka. National symposium on invasive alien species. Sri Lanka Association for Advancement of Science, National Science Foundation and Biodiversity Secretariat, Ministry of Environment and Natural Resources. 11th November 2008ri Lanka. 8pp.
26. ***Amarathunga, A.A.D.***andHitinayake, H.M.G.S.B. (2007) Structure and composition of the wetland ecosystem in the Tebuwana, Kalutara District, Thirteenth Annual Scientific Sessions, Sri Lanka Association for Fisheries and Aquatic Resources, June 2007, Colombo, Sri Lanka. 9pp.

**Publications(Full papers in the Journal and proceeding) - *(20)***

***Full papers in the Proceeding (09)***

***International***

1. Weerasekara, K.A.W.S., Azmy S.A.M., Hettige, N.D., Wickramarathne, C., ***Amarathunga A.A.D.*,** Heenatigala P.P.M and Rajapakshe, W. (2012). Assessment of causes for frequent occurrences of fish kills incidents of Sri Lanka with special reference to water quality. International Symposium on Urban Lakes Monitoring and Management on 18 May 2012, Postgraduate Institute of Agriculture (PGIA), Peradeniya, Sri Lanka, pp.145-151.

<http://www.researchgate.net/publication/237044100_URBAN_LAKE_MONITORING_AND_MANAGEMENT>

1. Azmy S.A.M., Weerasekara K.A.W.S., Hettige N.D., Wickramaratne C. and***Amarathunga A. A. D.* (2012).** Determination of the current status of water quality in commercially important water bodies mainly the Puttalam lagoon, giant’s tank and Akurala water bodies of SriLanka through rapid assessment surveys. International Symposium on Urban Lakes Monitoring and Management on 18 May 2012, Postgraduate Institute of Agriculture (PGIA), Peradeniya, Sri Lanka, pp.135-144.

[**http://www.researchgate.net/publication/237044100\_URBAN\_LAKE\_MONITORING\_AND\_MANAGEMENT**](http://www.researchgate.net/publication/237044100_URBAN_LAKE_MONITORING_AND_MANAGEMENT)

1. ***Amarathunga, A.A.D.***andSureshkuma, N. Weerasekara, K.A.W.S. andAzmy, S. A. M. (2010) Study the Effect of Salinity and Nutrients for the Growth of Najas Marina and Its Impact to Aquatic Biodiversity InMadu Ganga, a Ramsar Wetland In Sri Lanka. International Symposium on Forestry and Environment Proceeding, University of Sri Jayawardenapura, Sri Lanka. Vol. 15:155 – 163pp

<http://journals.sjp.ac.lk/index.php/fesympo/article/view/175/82>

1. Weerasekara K. A. W.S., ***Amarathunga, A.A.D.*,**Shirantha, R. R. A.R., Sureshkumar, N. andAzmy, S. A. M. (2010). Current Status of Ambewela Reservoir of Sri Lanka with Special Reference to Water Pollution. International Symposium on Forestry and Environment Proceeding, University of Sri Jayawardenapura, Sri Lanka. Vol. 15: 85 – 92pp

<http://journals.sjp.ac.lk/index.php/fesympo/article/view/166/73>

1. Shirantha, R. R. A. R., ***Amarathunga, A. A. D.****,* and Weerasekara, K. A. W. S. (2010). Lake Gregory, alien flora and urban aqua-environments in a misty city of Sri Lanka. International Conference on Sustainable Built Environment (ICSBE-2010) on 13-14 December 2010, Kandy, Sri Lanka. Volume ii, 52-61pp.

<http://www.civil.mrt.ac.lk/ICSBE_2010/vol_02/12.pdf>

1. Azmy, S. A. M., ***Amarathunga, A.A.D*.,** Shirantha, R. R. A. R. , and Weerasekara, K. A. W.S. (2010) Study of Nutrient Variation and Physico-chemical characteristics including bio-indicators of the DikOya Basin in Mahaweli Upper Catchment in Sri Lanka. Proceeding part-ii-full papers of the 15th International Symposium on Forestry and Environment 26 to 27 November 2010, University of Sri Jayawardenapura, Nugegoda, Sri Lanka. 25 – 32pp.

<http://www.sjp.ac.lk/journal/jtfe/sympo2010/content%20final.pdf>

1. Shirantha, R. R. A. R., ***Amarathunga, A. A. D*.**andWeerasekara, K. A. W. S., (2010). Existing challenge to succeed a sustainable built aqua-environment in misty green valleys in the hill country of Sri Lanka; a case study. International Conference on Sustainable Built Environment (ICSBE-2010), on 13-14 December 2010, Kandy, Sri Lanka. Volume ii, 344-354pp.

<http://www.civil.mrt.ac.lk/ICSBE_2010/VOL_02.pdf>

***Local***

1. ***Amarathunga, A.A.D*.,** Weerasekara, K.A.W.S., Sureshkumar, N., Azmy, S.A.M., and R.R.A.R. Shirantha, (2010). Total Suspended Solids and Turbidity co-relation and its impact on aquatic community in Kotmale sub-catchment in the Upper Mahaweli Watershed in Sri Lanka. Water resource research in Sri Lanka. Symposium proceeding of the water professional’s day, University of Peradeniya, Sri Lanka. October 2010. 115-124pp.
2. Wicramaarachchi, W. D. N.,Azmy, S.A.M.,Weerasekara, K.A.W.S., and ***Amarathunga, A.A.D.* (2010).** Comparison of water quality status of Dutch channel and identification of effect of dredging. Water resource research in Sri Lanka. Symposium proceeding of Water professional’s day, University of Peradeniya, Sri Lanka. October 2010, pp 125 – 135.

***Full papers in the Journals (11)***

1. ***Amarathunga, A.A.D.,*** and Kazama, F, (2017). Impact of farmer’s perceptions, and landuse pattern to pesticide loading from upper catena of the tropical river basin (Upper Kotmale Basin) in Sri Lanka. Asian journal of water, environment and pollution. Vol. 14, No 4 (2017), pp43-59. DOI 10.3233/AJW-170036.

<https://content.iospress.com/articles/asian-journal-of-water-environment-and-pollution/ajw170036>

1. ***Amarathunga, A. A. D.***, Gunawardhana,   M. K. P. C., Hitinayake,  H. M. G. S. B., and Jayawardana, G. D. M. N.(2016). Anthropogenic impacts on vegetation diversity and spatial floral composition of the swamp forest associated with the tropical river basin. Journal of Environmental Professionals Sri Lanka. 5(1), pp.23–40. DOI: http://doi.org/10.4038/jepsl.v5i1.7866
2. ***Amarathunga, A.A.D.*** and Fernando, R.W. (2016).Study on suspended sediment and its impact on aquatic invertebrates in Gin River, Sri Lanka. Journal of Food and Agriculture, Vol.9, 24-38pp.
3. ***Amarathunga, A.A.D.*** and Futaba, K., (2016). Impact of land use on surface water quality: A case study in the Gin River basin, Sri Lanka. Asian Journal of Water, Environment and Pollution, Vol. 13, No. 3 (2016), pp. 1–13.DOI 10.3233/AJW-160022

<https://content.iospress.com/articles/asian-journal-of-water-environment-and-pollution/ajw160022?resultNumber=0&totalResults=2557&start=0&q=Impact+of+land+use+on+surface+water+quality%3A+A+case+study+in+the+Gin+River+basin&resultsPageSize=10&rows=10>

1. Weerasekara, K. A. W. S., O. M. M. D. Jayampathi, N. D. Hettige, S. A. M. Azmy,***A. A. D. Amarathunga,*** W. D. N. Wickramaarachchi, M. D. S. R. Maddumage, J. K. P .C. Jayawardena, S. R. C. N. K. Narangoda, R. M. G. N. Rajapaksha and N. P. P. Liyanage, 2015. Assessment of Water Pollution Status of Selected Fishery Harbours located in the Southern Province of Sri Lanka. Journal of Environmental Professionals Sri Lanka: Vol. 4 (2) 36-46pp
2. Weerasekara, K. A. W. S., ***Amarathunga, A. A. D****.*, Shirantha, R.R.A.R., Sureshkumar, N., Wickramaarachchi, W. D. N.. and Azmy, S. A. M., (2015). Assessment of the Water Pollution Status in Uma Oya, Sri Lanka. Sri Lanka Journal of Aquatic Sciences, 20 (2), 31-38.
3. ***Amarathunga, A.A.D.***and Futaba, K., (2014). Photodegradation of chlorpyrifos an organophosphorus pesticide with humic acid bounded suspended matter, Journal of Hazardous Materials, 280, 671–677(2014, ***Impact Factor*** - 4.53) **DOI:**[http://dx.doi.org/doi:10.1016/j.jhazmat.2014.08.063](http://dx.doi.org/doi%3A10.1016/j.jhazmat.2014.08.063)
4. ***AmarathungaA.A.D.***andSureshkumar, N. (2013). Assessment of water quality of major streams in the Madu Ganga catchment and pollution loads draining into Madu Ganga from its own catchment. Journal of the National Aquatic Resource Research & Development Agency, Sri Lanka, Vol. 42. pp27- 46.
5. ***Amarathunga, A. A. D.*,**Weerasekara, K. A. W. S., Sureshkumar, N., Azmy, S. A. M., Wickramaarchchi, W. D. N., and Kazama, F. (2013). Behavior and Loading of Suspended Sediment and Nutrients from River Basins in the Hilly Catena Under Intensive Agriculture Cropping: A Case Study in Upper Kotmale Basin in Sri Lanka. Journal of Environmental Professionals Sri Lanka, Vol. 2 No. 2, 13-31. ISSN: 2279-1809. DOI :<http://dx.doi.org/10.4038/jepsl.v2i2.6327>
6. ***AmarathungaA.A.D*.,**Jinadasa, S. U. P. And Azmy, S. A. M. (2013). Sedimentary Characteristics and Status of Water Quality in Polwatta River, and Weligama Bay in Sri Lanka. Journal of Environmental Professionals Sri Lanka Vol.2(1) , 38-51 ISSN: 2279-1809. DOI: <http://dx.doi.org/10.4038/jepsl.v2i1.5745>
7. ***Amarathunga,A.A.D.***andHitinayake, H.M.G.S.B. (2012). Vegetation Structure and Faunal Composition of Wathurana Wetland Ecosystem InTebuwana, Kalutara, Sri Lanka. journal of the National Aquatic Resource Research & Development Agency, Sri Lanka. Vol. 41, 59-78.[*http://www.nara.ac.lk/NARA/12/nara%20journal/Journal%2041/Vol.%2041%20ebook-%206.pdf*](http://www.nara.ac.lk/NARA/12/nara%20journal/Journal%2041/Vol.%2041%20ebook-%206.pdf)