

References

Directly referred sources included using IEEE format

- [1] Fao.org, 'SHRIMP CULTURE: POND DESIGN, OPERATION AND MANAGEMENT', 2015. [Online]. Available: <http://www.fao.org/docrep/field/003/ac210e/AC210E09.htm>. [Accessed: 05- Oct- 2015].

- [2] The Fish Site, 'How to Achieve Good Water Quality Management in Aquaculture', 2015. [Online]. Available: <http://www.thefishsite.com/articles/2022/how-to-achieve-good-water-quality-management-in-aquaculture/>. [Accessed: 06- Oct- 2015].

Journal

- [3] B. Gunalan, P. Soundarapandian and G. Dinakaran, 'The Effect of Temperature and Ph on WSSV Infection in Cultured Marine Shrimp *Penaeus monodon* (Fabricius)', *idosi*, 2015. [Online]. Available: <http://www.idosi.org/mejsr/mejsr5%281%29/5.pdf>. [Accessed: 07- Oct- 2015].

- [4] 2015. [Online]. Available: http://www.oie.int/fileadmin/Home/eng/Health_standards/aahm/current/2.2.06_WSD.pdf. [Accessed: 07- Oct- 2015]

- [5] S. RAJ, K. VIJAYAN, S. ALAVANDI and C. BALASUBRAMANIAN, 'Effect of temperature and salinity on the infectivity pattern of white spot syndrome virus (WSSV) in giant tiger shrimp *Penaeus monodon* (Fabricius, 1837)', *Academia.edu*, 2015. [Online]. Available: http://www.academia.edu/6944685/Effect_of_temperature_and_salinity_on_the_infectivity_pattern_of_white_spot_syndrome_virus_WSSV_in_giant_tiger_shrimp_Penaeus_monodon_Fabricius_1837. [Accessed: 08- Oct- 2015].

- [6] Fao.org, 'Health management in Asian aquaculture', 2015. [Online]. Available: <http://www.fao.org/docrep/003/w3594e/w3594e11.htm>. [Accessed: 19- Oct- 2015].

- [7] The Fish Site, 'How to Achieve Good Water Quality Management in Aquaculture', 2015. [Online]. Available: <http://www.thefishsite.com/articles/2022/how-to-achieve-good-water-quality-management-in-aquaculture>. [Accessed: 20- Oct- 2015].



[8] R. Wang, D. Chen and Z. Fu, 'AWQEE-DSS: A Decision Support System for Aquaculture Water Quality Evaluation and Early-warning', *2006 International Conference on Computational Intelligence and Security*, 2006.

[9] R. Wang, X. Zhang, W. Cai, J. Wu and Z. Fu, 'Evaluation of the Aquaculture Pond Water Quality Based on Fuzzy Mathematics Model', *Lecture Notes in Computer Science*, pp. 32-43, 2006.

[10] G. Bourke, F. Stagnitti and B. Mitchell, 'A decision support system for aquaculture research and management', *Aquacultural Engineering*, vol. 12, no. 2, pp. 111-123, 1993.

[11] Y. Mallya, 'THE EFFECTS OF DISSOLVED OXYGEN ON FISH GROWTH IN AQUACULTURE', *unufp.is*, 2015. [Online]. Available: <http://www.unufp.is/static/fellows/document/yovita07prf.pdf>. [Accessed: 24- Oct- 2015].

[12] Msucares.com, 'Prawns: Water Quality', 2015. [Online]. Available: <http://msucares.com/aquaculture/prawns/water.html>. [Accessed: 24- Oct- 2015].

[13] Dissertationtopic.net, 'The Construction of DSS in Water Quality Management of Intensive Litopenaeus Vannamei Shrimp Tanks - PhD thesis - Dissertation', 2015. [Online]. Available: <http://www.dissertationtopic.net/doc/1802551>. [Accessed: 24- Oct- 2015].

[14] K. Lotus E, R. Yu and P. Leung, 'Shrimp Partial Harvesting Model: Decision Support System User Manual', *CTSA Publication*, 2015.

[15] M. Garaas, 'Case-Based Reasoning in identifying causes of fish death in industrial fish farming', Master of Science in Computer Science, Norwegian University of Science and Technology Department of Computer and Information Science, 2015.

[16] A. Rahman and S. Tasnim, 'Application of Machine Learning Techniques in Aquaculture', *International Journal of Computer Trends and Technology (IJCTT)*, vol. 103, no. 2231-2803, 2015.

[17] A. Sreepada, S. KuZkam, U. Suryavanshi and B. Braaten, 'Water quality management in shrimp aquaculture ponds using remote water quality logging system', Stavanger, Norway.

[18] *Community - based Shrimp Aquaculture in Northwestern Sri Lanka*, 1st ed. Manitoba: University of Manitoba, 2013, pp. 12-20.

[19] Ministry of Agriculture, Animal Production, 'COMMERCIAL PRAWN FARMING IN THE EASTERN PROVINCE', <http://investineast.lk>, 2014. [Online].

- Available: <http://investineast.lk/wp-content/uploads/2014/01/Prawn-Culture-Investment-Proposal.pdf>. [Accessed: 11- April- 2014].
- [20] J. Bostock, B. McAndrew, R. Richards, K. Jauncey, T. Telfer, K. Lorenzen, D. Little, L. Ross, N. Handisyde, I. Gatward and R. Corner, 'Aquaculture: global status and trends', *Philosophical Transactions of the Royal Society B: Biological Sciences*, vol. 365, no. 1554, pp. 2897-2912, 2010
- [21] . Burnell and G. Allan, New technologies in aquaculture. Boca Raton: CRC Press, 2009.
- [22] C. Boyd and B. Green, 'Costal water quality monitoring in shrimp farming areas: An Example from Honduras', Alabama, 2015.
- [23] IBM, 'IBM SPSS Neural Networks 21', www.sussex.ac.uk, 2012. [Online]. Available: http://www.sussex.ac.uk/its/pdfs/SPSS_Neural_Network_21.pdf. [Accessed: 13- Oct- 2014].
- [24] T. DeJage, C. Jayasinghe, S. Suthaharan, K. Thilakarathne, S. Daniel, J. Jayasinghe and K. Wijena, *Stories of change*, 1st ed. 2015.
- [25] M. Matuha, 'Mobile Phone Use in Ugandan Aquaculture: Farmer Experiences and Aspirations', MSC, Auburn University, 2015.
- [26] www.fao.org, 'WORLD REVIEW OF FISHERIES AND AQUACULTURE', 2014. [Online]. Available: <http://www.fao.org/docrep/013/i1820e/i1820e01.pdf>. [Accessed: 05- Apr- 2014].
- [27] SciDev.Net, 'Start-up promises to revolutionize shrimp farming', 2014. [Online]. Available: <http://www.scidev.net/global/fisheries/news/start-up-promises-to-revolutionise-shrimp-farming.html>. [Accessed: 13- Jul- 2014].
- [28] Ministry of Agriculture, Animal Production, 'COMMERCIAL PRAWN FARMING IN THE EASTERN PROVINCE', <http://investineast.lk>, 2014. [Online]. Available: <http://investineast.lk/wp-content/uploads/2014/01/Prawn-Culture-Investment-Proposal.pdf>. [Accessed: 11- April- 2014].

- [29] www.fao.org, 'WORLD REVIEW OF FISHERIES AND AQUACULTURE', 2014. [Online]. Available: <http://www.fao.org/docrep/013/i1820e/i1820e01.pdf>. [Accessed: 05- Apr- 2014].
- [30] Aquaculture Lanka, 'The Project is', www.lankashrimp.com, 2014. [Online]. Available: <http://www.lankashrimp.com/about.php>. [Accessed: 11- Oct- 2014].
- [31] *Community - based Shrimp Aquaculture i n Northwestern Sri Lanka*, 1st ed. Manitoba: University of Manitoba, 2013, pp. 12-20.
- [32] Naqda.gov.lk, 'National Aquaculture Development Authority of Sri Lanka - NAQDA', 2014. [Online]. Available: <http://www.naqda.gov.lk/>. [Accessed: 09- Jun- 2014].
- [33] P. Smith, 'Coastal Shrimp Aquaculture in Thailand: Key Issues for Research', www1a.biotec.http, 1999. [Online]. Available: <http://www1a.biotec.http://or.th/Shrinfo/documents/TR2047.pdf>. [Accessed: 16- Jun- 2014].
- [34] P. Van Khang, 'Challenges to Shrimp Production in the Bentre Province, Vietnam', Master thesis in International Fisheries Management, University of Tromsø, 2008.
- [35] S.U Ahmed, M. Shofiquzzoha, M.R. Saha and M. Islam, 'Water quality management on the enhancement of shrimp (*Penaeus monodon* Fab.) production in the traditional and improved-traditional gheres of Bangladesh', *Bangladesh J. Fish.*, vol. 4, no. 1, pp. 63-68, 1999.
- [36] D. Shao, "A Proposal of a Mobile Health Data Collection and Reporting System for the Developing World", Master, Malmö University, Department of Computer Science., 2012.
- [37] A Jain and R. Dubes, *Algorithms for clustering data*. Englewood Cliffs, N.J.: Prentice Hall, 1988.
- [38] D. Pham, S. Dimov and C. Nguyen, "Selection of K in K-means clustering", *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, vol. 219, no. 1, pp. 103-119, 2005.
- [39] T. Kodinariya and P. Makwana, "Review on determining number of Cluster in K-Means Clustering", <http://www.ijarcsms.com/>, 2013. [Online]. available:

<http://www.ijarcsms.com/docs/paper/volumel/issue6/V1I6-0015.pdf>. [Accessed: 05-Apr- 2016].

[40]N. Visalakshi and K. Thangavel, "Impact of Normalization in Distributed K-Means Clustering", *International Journal of Soft Computing*, vol. 4, no. 4, pp. 168 - 182, 2009.

[41]"K-Means Clustering", *Msdn.microsoft.com*, 2015. [Online]. Available: <https://msdn.microsoft.com/en-us/library/azure/dn905944.aspx>. [Accessed: 12- Apr- 2016].

[42]S. Stivaros, A. Gledson, G. Nenadic, X. Zeng, J. Keane and A. Jackson, "Decision support systems for clinical radiological practice — towards the next generation", *The British Journal of Radiology*, vol. 83, no. 995, pp. 904-914, 2010.

[43]Joel, C,"Location Gathering: An Evaluation of Smartphone-Based Geographic Mobile Field Data Collection Hardware and Applications" (2015).Master's Theses.Paper 4577.

[44]M. Alagappan and M. Kumaran, "Application of Expert Systems in Fisheries Sector", *Research Journal of Animal, Veterinary and Fishery Sciences*, vol. 18, 19-30, 2013.

[44]"Fish Farming - Products and Solutions - WATER QUALITY", *Fish-farming.net*, 2016. [Online]. Available: <http://fish-farming.net/water-quality>. [Accessed: 17- Apr- 2016].

[45]N. Ramsden, "'New' disease has Indian shrimp farmers mulling return to black tiger", Undercurrent News, 2015. [Online]. Available: <https://www.undercurrentnews.com/2015/01/29/new-disease-has-indian-shrimp-farmers-mulling-return-to-black-tiger/>. [Accessed: 18- Apr- 2016].