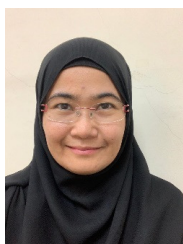


CURRICULUM VITAE



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Education

1. Ph.D. Aquaculture, 2018, Wageningen University, Netherlands.
2. MSc. Aquaculture and Fisheries, 2008, Wageningen University, Netherlands.
3. B. Eng. Biological and Agricultural Engineering, 2004, Universiti Putra Malaysia.

Areas of Interest

Aquaculture production systems, recirculating aquaculture system, water quality, biological processes in aquatic system

Professional Qualification/ Membership/ Affiliation

1. Member, Malaysian Society of Agricultural Engineer
2. Member, Malaysian Fisheries Society

Appointments

Position	Duration
1. Senior Lecturer , Department of Biological and Agricultural Engineering, Faculty of Engineering, UPM	December 2018 to date
2. Tutor , Department of Biological and Agricultural Engineering, Faculty of Engineering, UPM	Jun 2005 – December 2018
3. Officer of Economic Affairs , Lembaga Pertubuhan Peladang	Jan 2004 – May 2005
4. Laboratory Demonstrator for Soil Engineering Course, Department of Biological and Agricultural Engineering, Faculty of Engineering, UPM	Jun 2003 – Sept 2003
5. Assistant Researcher , Malaysian Agriculture Research Development Institute (MARDI)	Feb 2001 – Mac 2001

Publications

Journals

1. **Mohamed Ramli, N.**, Md Yusoff, F., Giatsis, C., G.Y.A. Tan, Verreth, J., Verdegem, M., (2018). Effects of *Stigeoclonium nanum*, a fresh water periphytic microalga on water quality in a small-scale recirculating aquaculture system. *Aquaculture Research*, 49 (11), 3529 – 3540.
2. **Mohamed Ramli, N.**, Giatsis, C., Md Yusoff, F., Verreth, J., Verdegem, M., (2018). Resistance and resilience of small-scale recirculating aquaculture systems (RAS) with or without algae to pH perturbation. *PLoS ONE*, 13, e0195862.
3. **Mohamed Ramli, N.**, Verdegem, M.C.J., Yusoff, F.M., Zulkifely, M.K., Verreth, J.A.J., (2017). Removal of ammonium and nitrate in recirculating aquaculture systems by the epiphyte *Stigeoclonium nanum* immobilized in alginate beads. *Aquaculture Environment Interactions*, 9, 213-222.

4. Nieuwegiessen, P.G. van de; **Ramli, N.M.**; Knegetel, R.M.A.; Verreth, J.A.J.; Schrama, J.W. (2010). Coping strategies in farmed African catfish *Clarias gariepinus*. Does it affect their welfare? Journal of Fish Biology, 76 (10), 2486 - 2501.

Conference Proceedings (30 recent Conference Proceedings)

1. **Mohamed Ramli, N.**, Giatsis, C., Yusoff, F., Verreth, J. A. J., & Verdegem, M. C. J. (2017). Microalgae inclusion affects bacterial community composition in recirculating aquaculture system. In: Abstracts of the Asian Pacific Aquaculture 2017, 24 – 27 July, 2017, Kuala Lumpur, Malaysia.
2. **Mohamed Ramli, N.**, Verdegem, M. C. J., Yusoff, F. & Verreth, J. A. J. (2016). Exploring microbial community dynamics in a recirculating aquaculture system using denaturing gradient gel electrophoresis (DGGE) and 16s metagenomic Illumina MISEQ techniques. In: Abstracts of the International Conference on Marine Science and Aquaculture, 23 – 24 March, 2016, Sabah, Malaysia.
3. **Mohamed Ramli, N.**, Yusoff, F., Verdegem, M.C.J., Shariff, M., & Verreth, J.A.J. (2015). Ammonium and nitrate uptake by fresh water periphytic microalga immobilized in alginate beads. In: Abstract of the World Aquaculture 2015, 26 – 30 May 2015, Jeju Island, South Korea.
4. Schrama, J.W.; Nieuwegiessen, P.G. van de; **Mohamed Ramli, N**; Verreth, J.A.J. (2008) Effects of stocking density and coping behaviour on energy partitioning of African catfish, *Clarias gariepinus*. In: Abstracts of the XIIIth International Symposium on Fish Nutrition and Feeding: Fish and Crustacean Nutrition: Present Knowledge and Future Perspectives, 1 - 6 June, 2008, Florianopolis, Brazil.

Books (If any)

Mohamed Ramli, N. (2018). Microalgae-bacteria interactions: a key for improving water quality in recirculating aquaculture system? Wageningen: Wageningen University.
(<https://doi.org/10.18174/463814>).

Chapter in Books (If any)

Research Grants					
Project No.	Project Title	Role	Year	Source of fund	Status
SATREPS-COSMOS	Continuous Operation System for Microalgae Production Optimized for Sustainable Aquaculture	Member	2016-2021	Bilateral cooperation JICA-JST-MOHE: COSMOS	Ongoing
A/5348-1	Development of stable and resilient microalgae-based recirculating aquaculture system (RAS)	Project leader	2013-2015	International Foundation for Science, Sweden.	Completed