

## CURRICULUM VITAE



### A. **PERSONAL DETAILS**

1. Name : Jalina Kassim
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### B. **ACADEMIC QUALIFICATION**

- M.Sc in Civil Engineering (Environmental), UiTM
- B.Eng (Hons.) Civil-environmental, UTM

### C. **CONSULTATION WORK**

	<b>Research Project</b>	<b>Amount</b>	<b>Client</b>
1	OPTIMIZATION OF IWK TREATMENT PLANTS	RM 60 000	Indah Water Consortium (IWK)
2	SUSTAINABLE CAMPUS	RM 20 00	IHP UNESCO, NAHRIM

## D. **PUBLICATION**

- [1] Nik Redzaudin, N.N.L., Kassim.J, Amir. A., Removal of zinc by nano-scale zero valent iron in groundwater. *Applied Mechanics and Materials*. 2015, 773-774, 1231-1236 (IISN:1660-9336)
- [2] Muhamad Amin. M.I.I., Kassim.J., Amir.A., Removal of Hexavalent Chromium by nano-scale zero valent iron in surface water. 2015, *Desalination and Water Treatment Journal*. Accepted.
- [3] Mat Budari. N., Ali. M. F., Kassim. J. Burnt oil palm shell filter media for bacterial Removing by single and dual-media filtration. *Advanced Materials Research Vol. 911* (2014) pp 397-404 (doi:10.4028/www.scientific.net/AMR.911.397)
- [4] Mat Budari. N., Ali. M. F., Kassim. J. Physical contaminants removal from continuous process of water filtration by a new low cost palm shell charcoal. *Advanced Materials Research, Vol. 911*, pp. 397-404, 2014. (10.4028/www.scientific.net/AMR.911.397)

## E. **CONFERENCES**

### **International Proceeding**

- [1] Raja Amir Iskandar. R. H., Kassim. J., Amir. A., Ali. M. F. Removal of Lead by nano-scale zero valent iron (nZVI) in surfacewater . *International Civil and Infrastructure Engineering Conference (INCIEC)*. Selangor, Malaysia 2015.
- [2] Abdul. N. A., Kassim. J., Amir. A. Removal of Hexavalent Chromium by magnetite in groundwater. *International Civil and Infrastructure Engineering Conference (INCIEC)*. Selangor, Malaysia 2015.
- [3] Mat Budari. N., Ali. M. F., Kassim. J. Burnt oil palm shell filter media for bacterial Removing by single and dual-media filtration. 4<sup>th</sup> *International Conference on Key Engineering Materials (ICKEM 2014)*. Bali, Indonesia.
- [4] Kassim. J., Amir. A., Ali. M. F. Synthesis and characterization of nano-scale zero valent iron (nZVI) . *International Post Graduate Seminar (IPGS) UiTM*, Selangor, Malaysia 2014.
- [5] Kassim. J., Amir. A., Ali. M. F. Removal of Heavy Metals by Iron Reductant and Cobalamin. *International Post Graduate Seminar (IPGS) UiTM*, Selangor, Malaysia 2013.
- [6] Mat Budari. N., Ali. M. F., Kassim. J. Physical contaminants removal from continuous process of water filtration by a new low cost palm shell charcoal. *IEEE Business Engineering and Industrial Application Colloquium (2013)*. Langkawi, Kedah, Malaysia.