

Research & Publications 2000-2005

Year 2003

Martin, J.S., Cooley, L.A. Jr. and **Mohd Rosli Hainin** (2003). Production and Construction Issues for Moisture Sensitivity of Hot Mix Asphalt Pavements. Transportation Research Board Moisture Sensitivity of Hot Mix Asphalt Pavements. Washington D.C.: Transportation Research Board. 209-228.

Tani, M., Abdul Rahim N., Ohtani, Y., Yasuda, Y., Mohd Md. Sahat, Baharuddin K., Takanashi, S., Noguchi, S., **Zulkifli Yusop** and Watanabe, T. (2003). Characteristics of Energy Exchange and Surface Conductance of a Tropical Rain Forest in Peninsular Malaysia. In: T. Okuda, N. Manokaran, Y. Matsumoto, K. Niiyama, S.C. Thomas, P.S. Ashton. (eds). Pasoh: Ecology of a Lowland Rain Forest in South East Asia. Tokyo: Springer-Verlag. ISBN 4-431-00660-5. 73-88.

Year 2004

Abdul-Talib S., **Zaini Ujang**, Vollertsen, J. and Hvittved-Jacobsen, T. (2004). Electron Transfer Rates and Energy Releases during Denitrification of Municipal Wastewater. In: **Zaini Ujang**, and Henze M. (eds). Environmental Biotechnology, Water and Environmental Management Series. London: IWA Publishing. ISBN 1843395037. 205-212.

Al-Shadidi, S., Henze, M., **Zaini Ujang** and Batstone, D.J. (2004). Modelling of SBR for Wastewater Treatment in Malaysia Implementing ASM2 using AQUASIM. In: **Zaini Ujang**, and Henze M. (eds). Environmental Biotechnology, Water and Environmental Management. London: IWA Publishing. ISBN 1843395037. 221-230.

Hadiwinoto, D.D., **Mohd Razman Salim** and **Zaini Ujang** (2004). Polymerase Chain Reaction for Identification of Sulfate Reducing Bacteria Species in Membrane Bioreactor. In: **Zaini Ujang**, and Henze M. (eds). Environmental Biotechnology, Water and Environmental Management Series. London: IWA Publishing. ISBN 1843395037. 173-184.

Hashim M.A. and **Zaini Ujang** (2004). Environmental Biotechnology: Its Relevance, Challenges and Prospects for Developing Countries. In: **Zaini Ujang**, and Henze M. (eds). Environmental Biotechnology, Water and Environmental Management Series. London: IWA Publishing. ISBN 1843395037. 7-12.

Henze M. and **Zaini Ujang** (2004). Environmental Biotechnology Problems. In: **Zaini Ujang**, and Henze M. (eds). Environmental Biotechnology, Water and Environmental Management Series. London: IWA Publishing. ISBN 1843395037. 19-26.

Maktab M., **Zulkifli Yusop** and **Zaini Ujang** (2004). Urban River Rehabilitation – Water Quality and Pollution Loads of Sungai Tebrau, Johor. In: Alias Abdullah, and Norio Okada. (eds). Water Environmental Planning: Towards Integrated Planning & Management of Water Resources for Environmental Risks. Kuala Lumpur: International Islamic University Malaysia. ISBN 983-40872-5-X.

Mohd Fadhil Md Din, **Zaini Ujang** and M.C.M. van Loosdrecht (2004). PHB Production from Mixed Cultures of Sewage Sludge and Palm Oil Mill Effluent: The Influence of C/N Ratio and Slow Accumulation Factor. In: **Zaini Ujang**, and Henze M. (eds). Environmental Biotechnology, Water and Environmental Management Series. London: IWA Publishing. ISBN 1843395037. 115-122.

Research & Publications 2000-2005

Sairan, F. M., and **Zaini Ujang** (2004). Wastewater Treatment Plant Design Advisor using WASDA. In: **Zaini Ujang** and Henze M. (eds). Environmental Biotechnology, Water and Environmental Management Series. London: IWA Publishing. ISBN 1843395037. 259-266.

Zaini Ujang and K.S. Ng. (2004). Comparative Study Immersed Membrane Microfiltration (IMF) and Hybrid Systems with Powdered Activated Carbon (PAC) and Zeolite (ZEO) on Removal of High Concentration of Arsenic. In: **Zaini Ujang**, and Henze M. (eds). Environmental Biotechnology, Water and Environmental Management Series. London: IWA Publishing. ISBN 1843395037. 323-330.

Zaini Ujang, Soedjono, E. S., K.L. Olsen, A. Frederiksen, T. Hvitved-Jacobsen and J. Vollertsen. (2004). Conditions Affecting Obnoxious Smells from Waste Stabilisation Ponds in Tropical Countries. In: **Zaini Ujang**, and Henze M. (eds). Environmental Biotechnology, Water and Environmental Management Series. London: IWA Publishing. ISBN 1843395037. 307-314.

Zaini Ujang, Yong E.L., Ong P.T., Osuna R.R., and G.K. Anderson (2004). The Degradation of Organic Matter by Microbial Activity under Anoxic Conditions during Transport in Tropical Sewer Systems. In: **Zaini Ujang**, and Henze M. (eds). Environmental Biotechnology, Water and Environmental Management Series. London: IWA Publishing. ISBN 1843395037. 51-60.

Zulkifli Yusop, Tan L. W., **Kamarul Azlan Mohd Nor** and Maketab Mohamad (2004). Stormwater Quality and Pollution Loadings From an Urban Catchment in Johor Bahru. In: Alias Abdullah, and Norio Okada. (eds). Water Environmental Planning: Towards Integrated Planning & Management of Water Resources for Environmental Risks. Kuala Lumpur: International Islamic University Malaysia. ISBN 983-40872-5-X.

Year 2005

Chappell, N., Tych, W., **Zulkifli Yusop**, Abdul Rahim N., and Baharuddin K. (2005). Spatially-Significant Effects of Selective Tropical Forestry on Water, Nutrient and Sediment Flows: A Modelling-Supported Review. In: M. Bonell, and Bruijnzeel. (eds). Forests-Water-People in the Humid Tropics. Cambridge University Press. ISBN-10: 0521829534. 513-532.

Yusof Ahmad (2005). Analisis Selaput; Tegasan; Analisis Struktur; Struktur Kerangka; Darjah Kebebasan. Ensiklopedia Sains dan Teknologi. KL: DBP-UTM.