

Publications

- 2016
- C. Sakulthaew and **C. Chokejaroenrat**. Oxidation of 17 β -estradiol in water by slow-release permanganate candles. *Environmental Engineering Science* 33(4): 224-234.
- 2015
- C. Sakulthaew, S.D. Comfort, **C. Chokejaroenrat**, C. Harris, and X. Li Removing PAHs from urban runoff water by combining ozonation, adsorption and biodegradation. *Chemosphere* 141, 265-273.
 - **C. Chokejaroenrat**, C. Sakulthaew, T. Satapanajaru, T. Tikhamram, A. Pho-Ong, and T. Mulseesuk. Treating methyl orange in a two-dimensional flow tank by in situ chemical oxidation using slow-release persulfate activated with zero-valent iron. *Environmental Engineering Science* 32(12): 1007-1015.
 - N. Kananizadeh, **C. Chokejaroenrat**, S.D. Comfort, and Y. Li. Modeling Improved ISCO treatment of low permeable zones via viscosity modification: Assessment of system variables. *Journal of Contaminant Hydrology* 173: 25-37.
- 2014
- C. Sakulthaew, S.D. Comfort, **C. Chokejaroenrat**, C. Harris, and X. Li. A combined chemical and biological approach to transforming and mineralizing PAHs in runoff water. *Chemosphere* 117: 1 – 9.
 - **C. Chokejaroenrat**, S.D. Comfort, C. Sakulthaew, and B.I. Dvorak. Improving the treatment of non-aqueous phase TCE in low permeable zones with permanganate. *Journal of Hazardous Material* 268:177 – 184.
- 2013
- **C. Chokejaroenrat**, N. Kananizadeh, C. Sakulthaew, S.D. Comfort, and Y. Li. Improving the sweeping efficiency of permanganate into low permeable zones to treat TCE: Experimental results and model development. *Environmental Science and Technology* 47:13031-13038.
- 2012
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- J.A. Albano, S.D. Comfort, V. Zlotnik, T. Halihan, M. Burbach, **C. Chokejaroenrat**, S. Onanong, and W. Clayton. In situ chemical oxidation of RDX-contaminated ground water with permanganate at the Nebraska Ordnance Plant. *Ground Water Monitoring & Remediation* 30:96-106.