

# RESUME

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## Education:

**P.E. Civil Engineering in Ohio (#70849)**

**Ph.D.** Civil (Environmental) Engineering, University of Missouri-Rolla, 2003;

**M.S.** Environmental Engineering, Tongji University, China, 2000;

**B.S.** Environmental Engineering, Taiyuan University of Technology, China, 1997;

**B.A.** English Literature, Taiyuan University of Technology, China, 1997.

## Representative Publications:

1. Burken J. G. and Ma, X. **Phytoremediation of Volatile Organic Compounds**. In: *Phytoremediation and Rhizoremediation*. Eds: Mackova, M.; Dowling, D. N and Macek T. Springer Verlag, Belgium. Vol, 9A, 2006.
2. Ma, X, and Pardue, J. H. **Selective Enhancement of Dehalorespiring Bacteria in Sediment Contaminated with Historic Hexachlorobenzene by *Typha latifolia* and *Phragmites communis***. *Environmental Science and Technology*. 2006, (Submitted).
3. Ma, X and Burken, J.G. **Diffusion of TCE to the Atmosphere in Phytoremediation Applications** *Environmental Science & Technology* 2003, 37, 2534-2539
4. Ma, X and Burken, J.G. **VOCs Fate and Partitioning in Vegetation: Use of Tree Cores in Groundwater Analysis** *Environmental Science & Technology* 2002, 36, 4663-4668

## Professional Affiliations:

- Association for Environmental Health and Sciences (AEHS)
- Association of Environmental Engineering and Science Professors (AEESP)
- International Water Association (IWA)