

Peter F. Landrum
Research Chemist - Emeritus

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EDUCATION

B.S. California State College, San Bernardino, CA, 1974
Ph.D. University of California, Davis, CA, 1979

POSITIONS

Research Chemist (2000 – 2004 and 2006 - 2007), Supervisory Chemist (1994-2000 and 2004-2006), Research Chemist (1981-1994), Part-time instructor Eastern Michigan University (1984-1991), Research Associate, Savannah River Ecology Laboratory (1979-1981)

SCIENTIFIC AND PROFESSIONAL ORGANIZATIONS

American Chemical Society, Society of Environmental Toxicology and Chemistry (Board Member 1990), Great Lakes Regional Chapter of the Society of Environmental Toxicology and Chemistry (President 1986, Vice-President 1985, Secretary Treasurer 1987-1989)

SELECTED PUBLICATIONS

- Lee, J-H., P.F. Landrum, L.J. Field, and C-H. Koh. (2001). Application of a Σ PAH model and a logistic regression model to sediment toxicity data based on a species-specific water-only LC50 toxic unit for *Hyalella azteca*. *Environ. Toxicol. Chem.* 9:2102-2113.
- Landrum, P., Lotufo, G., Gossiaux, D., Gedeon, M. and Lee, J-H. 2003. Bioaccumulation and critical body residue of PAHs in the amphipod *Diporeia* spp.: Additional evidence to support toxicity additivity for PAH mixtures. *Chemosphere* 51:481-489.
- Kukkonen, J.V. K., P.F. Landrum, S. Mitra, D.C. Gossiaux, J. Gunnarsson, and D. Weston. 2004. The role of desorption for describing the bioavailability of selected PAH and PCB congeners for seven laboratory spiked sediments. *Environ. Toxicol. Chem.* 23:1842-1851.
- Landrum, P.F., J.A. Steevens, M. McElroy, D.C. Gossiaux, J.S. Lewis, and S.D. Robinson. 2005. Time-dependent toxicity of DDE to *Hyalella azteca*. *Environ. Toxicol. Chem.* 24:211-218.
- Lee, J-H and Landrum, P.F., 2006. Development of a multi-component damage assessment model (MDAM) for time-dependent mixture toxicity with toxicokinetic interactions. *Environ. Sci. Technol.* 40:1341-1349.
- Lee, J-H and Landrum, P.F., 2006. Application of a multi-component damage assessment model (MDAM) for the toxicity of metabolized PAH in *Hyalella azteca*. *Environ. Sci. Technol.* 40:1350-1357.