



Multi-region assessment of chemical mixture exposures and predicted cumulative effects in USA wadeable urban/agriculture-gradient streams

Paul M. Bradley^{a,*,}, Celeste A. Journey^a, Kristin M. Romanok^b, Sara E. Breitmeyer^b, Daniel T. Button^c, Daren M. Carlisle^d, Bradley J. Huffman^a, Barbara J. Mahler^e, Lisa H. Nowell^f, Sharon L. Qi^g, Kelly L. Smalling^b, Ian R. Waite^h, Peter C. Van Metre^e

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Highlights

- Exposures to 389 organic contaminants assessed in 305 streams in 4 US regions
- About 78% were detected with maximum cumulative concentrations >156 µg/L
- Contaminant summary metrics correlated to watershed development metrics.
- High probability of vertebrate molecular effects and invertebrate acute toxicity
- Organic contaminants contribute to headwater stream multi-stressor adverse effects.