

## Curriculum Vitae

Sarah E. Rothenberg, D.Env.  
Assistant Professor  
Oregon State University  
School of Biological and Population Health Sciences  
Environmental and Occupational Health Program  
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### 1. Education

2000 B.S. Applied Mathematics University of California, Los Angeles  
2002 M.S. Statistics University of California, Los Angeles  
2007 D.Env. Env Science and Engineering University of California, Los Angeles

### 2. Postdoctoral Training

2011 Department of Epidemiology and Health Promotion, College of Dentistry,  
New York University, NY, NY (NRSA, T32)  
2008-2011 Institute of Geochemistry, Chinese Academy of Sciences, Guiyang, China,  
NSF International Research Fellowship Program (Grant 0802014 PI: Rothenberg)  
2007 San Francisco Estuary Institute, Oakland, California

### 3. Academic Appointments

2011-present Assistant Professor, University of South Carolina,  
Department of Environmental Health Sciences

### 4. Federal Grants (since 2011)

#### Active:

2016-18 NIEHS: Methylmercury Exposure Through Rice Ingestion, Gut Microbes, and Offspring  
Development (Award R21 ES026412) (**PI: Rothenberg**)

#### Completed:

2013-16 NIEHS: Maternal Methylmercury Exposure Through Rice Ingestion and Offspring  
Development (Award R15 ES022409) (**PI: Rothenberg**)

2012-15 USDA-AFRI The Effect of Aerobic and/or Intermittently Flooded Rice Cultivation on  
AQP Transcription Levels and the Nutritional Quality of Rice Grain  
(Award 2012-69002-19796) (**PI: Rothenberg**)

### 5. University of South Carolina (USC), Internal Funding, completed

2015-16 USC, Office of Research: The Contribution of Gut Microbiota to Prenatal  
Methylmercury Exposure (**PI: Rothenberg**)

2015-16 USC, Teaching Innovation Grant in Integrative Learning: Climate Change and Global  
Environmental Health (**PI: Rothenberg**)

2015-2016 USC Office of Research: Sewage Overflows from the 1000-Year Rain Event and their Impacts on the Cycling of Carbon and Toxic Metals in the Congaree River Watershed (**PI: Rothenberg**)

6. Federal Grants (postdoctoral)

2008-10 NSF, International Research Fellowship Program  
(Award 0802014) (**PI: Rothenberg**)

The influence of sulfur cycling on mercury methylation in rice paddies in the mining areas of Guizhou Province, China

7. Awards for student advisees

2012 Chris Paget (MPH, University of South Carolina, Environmental Health Sciences)  
National Science Foundation, East Asia and Pacific Summer Institute in Japan  
Pharmaceutical biodegradation and attenuation by biofilms in aquatic systems

2015 Anna Lynn (B.S., University of South Carolina, Honors College)  
National Oceanic and Atmospheric Administration (NOAA) Ernest F. Hollings  
scholarship program, and the SULI National Laboratory internship program

8. Publications in peer-reviewed journals

(student advisees are underlined, other students are "quoted", and USC faculty are *italicized*)

**Rothenberg, S.E.**, Jackson, B.P., McCalla, G.C., Donohue, A., Emmons, A.M., in press.  
Co-exposure to methylmercury and inorganic arsenic in baby rice cereals and  
rice-containing teething biscuits. *Environmental Research*.  
<http://dx.doi.org/10.1016/j.envres.2017.08.046>

**Rothenberg, S.E.**, Yin, R., Hurley, J.P., Krabbenhoft, D.P., Ismawati, Y., Hong, C.,  
Donohue, A., (2017). Stable mercury isotopes in polished rice (*Oryza sativa*  
L.) and hair from rice consumers. *Environmental Science and Technology*. 51,  
6480-6488.

Sen, I.S., Mitra, A., Peuker-Ehrenbrink, B., **Rothenberg, S.E.**, Tripathi S.N., Paul,  
Debajyoti, Bizimis, M., (2016). Emerging airborne contaminants in India:  
platinum group elements from catalytic converters in motor vehicles. *Applied  
Geochemistry*. 75, 100-106.

**Rothenberg, S.E.**, Anders, M., Ajami, N., Petrosino, J.F., "Balogh, E." (2016). Water  
management impacts rice methylmercury and the soil microbiome. *Science of the  
Total Environment*. 572, 608-617. PMID: 27450246 PMCID: PMC5099098.

**Rothenberg, S.E.**, Yu, X., Liu, J., Biasini, F.J., Hong, C., "Jiang, X.," Nong, Y., Yue, C.,  
Korrick, S.A., (2016). Maternal methylmercury exposure through  
rice ingestion and offspring neurodevelopment: A prospective cohort study.  
*International Journal of Hygiene and Environmental Health*, 219, 832-842.  
PMID: 27503636 PMCID: PMC5086436

- Hong, C., Yu, X., *Liu, J.*, Cheng, Y., **Rothenberg, S.E.**, (2016). Low-level methylmercury exposure through rice ingestion in a cohort of pregnant mothers in rural China. *Environmental Research*. 150, 519-527. PMID: 27423706 PMCID: PMC5003649
- Paul E. Drevnick, Colin A. Cooke, Daniella Barraza, Jules M. Blais, Kenneth H. Coale, Brian F. Cumming, Chris J. Curtis, Biplob Das, William F. Donahue, Collin A. Eagles-Smith, Daniel R. Engstrom, William F. Fitzgerald, Chad V. Furl, John E. Gray, Roland I. Hall, Togwell A. Jackson, Kathleen R. Laird, W. Lyle Lockhart, Robie W. Macdonald, M. Alisa Mast, Callie Mathieu, Derek C. G. Muir, Peter M. Outridge, Scott A. Reinemann, **Sarah E. Rothenberg**, Ana Carolina Ruiz-Fernández, Vincent L. St. Louis, Rhea D. Sanders, Hamed Sanei, Elliott K. Skierszkan, Peter C. Van Metre, Timothy J. Veverica, and Johan A. Wiklund (2016). Spatiotemporal patterns of mercury accumulation in lake sediments of western North America. *Science of the Total Environment*. 568, 1157-1170. PMID: 27102272
- Rothenberg, S.E.**, Keiser, S., Ajami, N.J., Wong, M.C., Gessell, J., Petrosino, J.F., Johs, A., (2016). The role of gut microbiota in fetal methylmercury exposure: insights from a pilot study. *Toxicology Letters* 242, 60-67. PMID: 26626101 PMCID: PMC4707065
- Rothenberg, S.E.**, Korrick, S.A., *Fayad, R.*, (2015). The influence of obesity on blood mercury levels for U.S. non-pregnant adults and children: NHANES 2007-2010. *Environmental Research*. 138, 173-180. PMID: 25721244 PMCID: PMC4385493
- Rothenberg, S.E.**, "Mgutshini, N.L.", *Bizimis, M.*, Johnson-Beebout, S.E., Ramanantsoanirina, A., (2015). Retrospective study of methylmercury and other metal(loid)s in Madagascar unpolished rice (*Oryza sativa* L.). *Environmental Pollution*. 196, 1-9. PMID: 25463705 PMCID: PMC4352114
- Rothenberg, S.E.**, Windham-Myers, L., Creswell, J.E. (2014). Rice methylmercury exposure and mitigation: a comprehensive review. *Environmental Research*. 133, 407-423. PMID: 24972509 PMCID: PMC4119557
- Rothenberg, S.E.**, Yu, X., Zhang, Y., (2013). Prenatal methylmercury exposure through maternal rice ingestion: Insights from a feasibility pilot in Guizhou Province, China. *Environmental Pollution*. 180, 1-8. PMID: 23800416
- Rothenberg, S.E.**, Feng, X., Zhou W., Tu, M., Jin, B., You, J. (2012). Environment and genotype controls on mercury accumulation in rice (*Oryza sativa* L.) cultivated along a contamination gradient in Guizhou, China. *Science of the Total Environment*, 426, 272-280.
- Rothenberg, S.E.**, Feng, X (2012). Mercury cycling in a flooded rice paddy. *Journal of Geophysical Research- Biogeosciences*. Vol. 117, G03003, doi:10.1029/2011JG001800.

- Rothenberg, S.E.**, Feng, X., Dong, B., Shang, L., Yin, R. Yuan, X., (2011). Characterization of mercury species in brown and white rice (*Oryza sativa* L.) grown in water-saving paddies. *Environmental Pollution*, 159, 1283-1289.
- Rothenberg, S.E.**, Feng, X., Li, P. (2011). Low-level maternal methylmercury exposure through rice ingestion and potential implications for offspring health. *Environmental Pollution*, 159, 1017-1012.
- Rothenberg, S.E.**, McKee, L., Gilbreath, A., Yee, D., Connor, M., Fu, X., (2010c), Evidence for short-range transport of atmospheric mercury to a rural, inland site. *Atmospheric Environment*, 44, 1263-1273.
- Rothenberg, S.E.**, McKee, L., Gilbreath, A., Yee, D., Connor, M., Fu, X., (2010b), Wet deposition of mercury within the vicinity of a cement plant before and during cement plant maintenance. *Atmospheric Environment*, 44, 1255-1262.
- Rothenberg, S.E.**, Kirby, M.E., Bird, B.W., DeRose, M.B., Lin, C-C., Feng, X., Ambrose, R.F., Jay, J.A., (2010a). The impact of over 100 years of wildfires on mercury levels and accumulation rates in two lakes in southern California, USA. *Environmental Earth Sciences* 60, 993-1005.
- Fu, X., Feng, X., Zhu, W., **Rothenberg, S.**, Yao, H., Zhang, H. (2010). Elevated atmospheric deposition and dynamics of mercury in a remote upland forest of southwestern China. *Environmental Pollution*, 158, 2324-2333.
- Zhang H., Feng, X, Larssen T., Shang, L., Li, P., **Rothenberg, S.E.**, Lin, Y., Zhang, H., Vogt, R.D., (2010). Fractionation, distribution and transport of mercury in rivers and tributaries around Wanshan Hg mining district, Guizhou Province, southwestern China Part 1: Total mercury. *Applied Geochemistry*, 25, 633-641.
- Fu, X.W., Feng, X.B., Wang, S.F., **Rothenberg, S.**, Shang, L.H., Li, Z.G., Qiu, G.L. (2009). Temporal and spatial distributions of total gaseous mercury concentrations in ambient air in a mountainous area in southwestern China: implications for industrial and domestic mercury emissions in remote areas in China. *Science of the Total Environment* 407, 2306-2314.
- Rothenberg, S.E.**, Ambrose, R.F., Jay, J.A., (2008b). Evaluating the potential efficacy of mercury total maximum daily loads on aqueous methylmercury levels in four coastal watersheds. *Environmental Science and Technology* 42, 5400-5406.
- Rothenberg, S.E.**, Ambrose, R.F., Jay, J.A., (2008a). Mercury cycling in surface water, pore water and sediments of Mugu Lagoon, CA., USA. *Environmental Pollution* 154, 32-45.
- Rothenberg, S.E.**, Du, X., Zhu, Y.-G., Jay, J.A., (2007). The impact of sewage irrigation on the uptake of mercury in corn plants (*Zea mays*) in suburban Beijing. *Environmental Pollution* 149, 246-251.

Marcotullio, P.J., **Rothenberg, S.**, Nakahara, M., (2003). Globalization and urban environmental transitions: comparison of New York's and Tokyo's experiences. *The Annals of Regional Science*, 37, 369-390.

9. Publications submitted (student advisees are underlined, other students are "quoted", and USC faculty are *italicized*)

Orekoya, O., **Rothenberg, S.E.**, *Boghossian, N., Hazlett, L, Cai, B., Yu, X., Liu, J.* (submitted). Maternal gestational weight gain and offspring's weight at 1 year of age in rural Guangxi province, China: the mediating role of birth weight.

10. Thesis Advisor (University of South Carolina)

- 2013 Antle, R. Tidal Flux of Transition Metals and Rare Earth Elements in a Barrier Island Salt Marsh (USC Earth and Ocean Sciences, M.S., Committee Member)
- 2014 Heidari, L. Developing a Sustainable After-School Gardening Program that Emphasizes Nutrition and Environmental Education (Baccalaureus Artium et Scientiae in Environmental Health (BArt et Scien) USC Honors College, Committee Member)
- 2014 Adelui, A. The Rocky Branch Watershed: Evidence for Mercury Pollution (USC Environmental Health Sciences, M.P.H., Committee Chair)
- 2015 Ntihabose, R. Evaluation Des Biomarqueurs D'Exposition Au Manganese Chez Les Enfants Qui Boivent De L'Eau Des Puits Au Nouveau-Brunswick. (M.S. Department of Chemistry and Biochemistry, Universite de Moncton, Canada, External Reviewer)
- 2015 Jones, S. Uptake of Nanoparticles by *Vibrio Gazogenes*. (USC Environmental Health Sciences, M.S., Committee Member)
- 2017 Hong, C. Maternal Methylmercury Exposure Through Rice Ingestion and Offspring Development (USC Environmental Health Sciences, Ph.D., Committee Chair)
- 2017 Orekoya, B. Breastfeeding, Gestational Weight Gain, and Offspring Development in a Chinese Cohort. (USC Epidemiology and Biostatistics, Ph.D., Committee Member)
- 2017 Donohue, A. Does Vitamin D supplementation influence prenatal methylmercury exposure? (USC Environmental Health Sciences, M.S., Committee Chair)
- 2017 Emmons, M. The Impacts of the 1000-Rain Event on Sewage Outfalls and Metals Cycling (USC Master of Earth and Environmental Resource Management, M.S. Committee Chair)

11. Presentation Abstracts (advisees are underlined, other students are "quoted", and other University of South Carolina faculty are *italicized*)

- 2017 **Rothenberg, S.E.** Maternal Methylmercury Exposure Through Rice Ingestion and Offspring Neurodevelopment: A Prospective Cohort Study. 13th International Conference on Mercury as a Global Pollutant, Providence, RI, July 2017.  
(Oral)
- 2017 Emmons, M., Bizimis, M., Lang, S., Stangler, B., **Rothenberg, S.E.** The Impact of Sanitary Sewage Overflows on Surface Water Methylmercury and Other Metals, Following the 1000-Year Rain Event in Columbia, South Carolina, USA. 13th International Conference on Mercury as a Global Pollutant, Providence, RI, July 2017.  
(Poster)
- 2017 Donohue, A., Wagner, C.L., Burch, J.B., **Rothenberg, S.E.** Speciation of Blood Mercury Among Pregnant Mothers in Charleston, South Carolina, USA. 13th International Conference on Mercury as a Global Pollutant, Providence, RI, July 2017.  
(Poster)
- 2017 **Rothenberg, S.E.** Maternal Methylmercury Exposure Through Rice Ingestion and Offspring Neurodevelopment: A Prospective Cohort Study. 13th International Conference on Mercury as a Global Pollutant, Providence, RI, July 2017.  
(Oral)
- 2016 **Rothenberg, S.E.** Maternal Methylmercury Exposure Through Rice Ingestion and Offspring Neurodevelopment: A Prospective Cohort Study. 9th Conference on Metal Toxicity & Carcinogenesis, sponsored in part by the National Institute of Environmental Health Sciences, Lexington, KY, Oct 2016  
(Invited Oral)
- 2016 Emmons, M., Bizimis, M., Lang, S., **Rothenberg, S.E.** Assessing the Effects of Sanitary Sewage Overflows from the 1000-Year Rain Event on Metal Cycling in the Congaree Watershed Columbia, S.C., South Carolina Water Resources Conference, October, 2016  
(Oral)
- 2016 Orekoya, O., Liu, J., **Rothenberg, S.,** *Boghossian, N., Hazlett, L., Cai, B.* Maternal gestational weight gain and offspring's weight at 1 year of age in rural Guangxi province, China: the mediating role of birth weight. Society for Epidemiologic Research, Miami, Florida, June 2016.  
(Poster)
- 2015 **Rothenberg, S.E.** Maternal Methylmercury Exposure Through Rice Ingestion and Offspring Development. REACH Research Day, Medical University of South Carolina, Charleston, S.C. April 2015  
(Oral)
- 2015 Hong, C., **Rothenberg, S.E.** Maternal Methylmercury Exposure Through Rice Ingestion in Rural China. Society for Environmental Toxicology and Chemistry (SETAC), Salt Lake City, Utah, Nov 2015

(Poster)

- 2015 **Rothenberg, S.E.**, Keiser, S., Ajami, N.J., Wong, M.C., Gesell, J., Petrosino, J.F., Johs, A. The Role of Gut Microbiota in Fetal Methylmercury Exposure: Insights from a Pilot Study. Society for Environmental Toxicology and Chemistry (SETAC), Salt Lake City, Utah, Nov 2015  
(Poster)
- 2015 **Rothenberg, S.E.**, Anders, M., Schmalfuss, L.B., "Balogh, E.", Jones, W.J., Jackson, B. The Influence of Water Management on Arsenic Uptake in Rice Grain and Aquaporin Expression in Rice Roots. Society for Environmental Toxicology and Chemistry (SETAC), Salt Lake City, Utah, Nov 2015  
(Poster)
- 2015 Donohue, A., McGuire, J.K., Hong, C., **Rothenberg, S.E.** Methylmercury partitioning in Mali Rice. Carolina Women's Health Research Forum, Columbia, S.C. Oct 2015.  
(Poster)
- 2014 Hong, C., **Rothenberg, S.E.** Maternal Methylmercury Exposure Through Rice Ingestion and Offspring Development: Preliminary Results, Int'l Society for Environmental Epidemiology (ISEE), Seattle, Washington, USA, August 2014.  
(Poster)
- 2014 **Rothenberg, S.E.**, Korrick, S., Keiser, S. The Influence of Gut Microbiota on the Speciation and Toxicity of Mercury during Pregnancy: Results from a Feasibility Pilot, Int'l Society for Environmental Epidemiology (ISEE), Seattle, Washington, USA, August 2014.  
(Oral)
- 2014 **Rothenberg, S.E.**, Korrick, S. The Influence of Obesity on Blood Mercury Levels: NHANES (2007-2010) Int'l Society for Environmental Epidemiology (ISEE), Seattle, Washington, USA, August 2014.  
(Poster)
- 2014 Hong, C. **Rothenberg, S.E.** Maternal methylmercury exposure through rice ingestion and offspring development: preliminary results, USC Health Eating in Context: Communicating Change and Sustainability, Columbia, SC, March 2014.  
(Oral)
- 2014 **Rothenberg, S.E.** The Influence of Gut Microbiota on the Speciation and Toxicity of Mercury During Pregnancy: Results from a Feasibility Pilot, USC Health Eating in Context: Communicating Change and Sustainability, Columbia, SC, March 2014.  
(Oral)
- 2013 Baker, L.M., **Rothenberg, S.E.** The Effect of AWD on AQP Transcriptional Abundance in Rice Plants and the Nutritional Quality of Rice Grain, International Conference on the Biogeochemistry of Trace Elements, Athens, Georgia, USA, June 2013.  
(Poster)

- 2013 Peter Weiss-Penzias, Spatial and temporal trends of speciated air mercury concentrations in western North America, American Geophysical Union, San Francisco, CA, December 2013.  
(Oral)
- 2013 **Rothenberg, S.E.** Rice and Mercury: Biogeochemistry and Implications for Human Health, International Conference on Mercury as a Global Pollutant, Edinburgh, UK, July 2013.  
(Oral, invited)
- 2013 **Rothenberg, S.E.** Hg Species & Other Trace Elements (As, Se, Mn, Cu, Zn, Cd & Rb) in Madagascar Rice, International Conference on Mercury as a Global Pollutant, Edinburgh, UK, July 2013.  
(Poster)
- 2012 **Rothenberg, S.E.**, Feng, X. Methylmercury Accumulation in Rice Grain (*Oryza sativa* L.): Environment and Genotype Controls, International Conference on Heavy Metals in the Environment, Rome, Italy, September, 2012.  
(Oral)
- 2012 **Rothenberg, S.E.**, Yu, X. Maternal Methylmercury Exposure Through Rice Ingestion and Offspring Development: Results from a Feasibility Pilot, International Society of Environmental Epidemiologists, Columbia, SC, August 2012.  
(Poster)
- 2011 **Rothenberg, S.E.**, Feng, X. Mercury species in rice grain grown along a contamination gradient in Guizhou province, China. 10th International Conference on Mercury as a Global Pollutant, July 2011, Halifax, Nova Scotia.  
(Oral)
- 2011 **Rothenberg, S.E.**, Feng, X. Mercury cycling in a flooded rice paddy. 10th International Conference on Mercury as a Global Pollutant, July 2011, Halifax, Nova Scotia.  
(Poster)
- 2011 **Rothenberg, S.E.**, Katz, R.V. The UNEP Toolkit: Concerns about Over-Estimation of Environment Hg Releases Due to Dental Amalgam Use. 10th International Conference on Mercury as a Global Pollutant, July 2011, Halifax, Nova Scotia.  
(Poster)
- 2010 **Rothenberg, S.E.**, Feng, X., Dong, B. Mercury methylation in water-saving paddies. 3rd International Rice Congress, November 2010, Vietnam National Convention Centre, in Hanoi, Vietnam.  
(Oral)
- 2009 **Rothenberg, S.E.**, Feng, X. Mercury cycling in the rhizosphere of a flooded rice paddy near Wanshan, Guizhou Province, China. June 2009, Ninth International Conference on Mercury as a Global Pollutant, Guiyang, China.  
(Oral)



- 2008 **Rothenberg, S.E.**, Kirby, M.E., DeRose, M.B., Bird, B.W., Lin, C-C., Ambrose, R.F., Jay, J.A. The Impact of 100 Years of Wildfires on Mercury Accumulation in Sediment Cores From Two Lakes in Southern California, USA December 2008 American Geophysical Union, San Francisco, CA. (Poster)
- 2008 **Rothenberg, S.E.** Atmospheric mercury loads from local sources in San Francisco, San Francisco Bay Mercury Coordination Meeting, February 2008, San Francisco Regional Water Quality Control Board, Oakland, CA. (Oral)
- 2007 **Rothenberg, S.E.**, Jay, J.A. The effectiveness of mercury TMDLs in four coastal sites: Will a decrease in total mercury result in a reduction in methylmercury in 303(d) listed waterbodies? April 2007, Southern California Society of Environmental Toxicology and Chemistry, Lake Arrowhead, CA. (Poster)
- 2006 Ramanathan, N., Estrin, D., Harmon, T., Harvey, C., Jay, J., Kohler, E., **Rothenberg, S.** Investigation of hydrologic and biogeochemical controls on arsenic mobilization using distributed sensing at a field site in Munshiganj, Bangladesh. December 2006, American Geophysical Union, Fall Meeting, San Francisco, Ca. (Poster)
- 2006 **Rothenberg, S.E.**, Jay, J.A. Oral presentation: Sources, Yields and Controls on Methylmercury in Mugu Lagoon, California. August 2006, Eighth International Conference on Mercury as a Global Pollutant, Madison, WI. (Oral)
- 2006 **Rothenberg, S.**, Ambrose, R., Kirby, M., Jay, J. Mercury Cycling and Mercury Deposition in Mugu Lagoon, a Coastal Estuary in Southern California. UC Toxic Substances and Research and Teaching Program, San Diego, Ca. (Poster)
- 2004 **Rothenberg, S.**, Lin, C., Jay, J. Mercury Partitioning in a Wetland Biofilm. UC Toxic Substances and Research Teaching, San Diego, Ca. (Poster)

#### 12. Academic Service

- 2017 International Conference on Mercury as a Global Pollutant (ICMGP), Providence, RI, Rice and Mercury, Session Chair
- 2011 International Conference of Mercury as a Global Pollutant (ICMGP), Halifax, Canada, Special Session S20, Mercury Research in Developing Countries, Session Chair
- 2017 Reviewer, NIEHS Study Section
- 2017 Reviewer, NSF, Geobiology and Low Temperature Geochemistry Division
- 2016 Reviewer, NIH Study Section
- 2015 Reviewer, NSF, Atmospheric Chemistry Division
- 2010 Review Panelist, NSF East Asia and Pacific Summer Institute (EAPSI)

2008            Review Panelist, NSF East Asia and Pacific Summer Institute (EAPSI)  
2007            Review Panelist, NSF East Asia and Pacific Summer Institute (EAPSI)

2011-Present Ad-Hoc Manuscript Reviewer (61 manuscripts reviewed since 2011):

*Biological Trace Element Research, Canadian Journal of Fisheries and Aquatic Science, Chemosphere, Environmental & Experimental Botany, Ecotoxicology & Environmental Safety, Environment International, Environmental Geochemistry, Environmental Health Perspectives, Environmental Monitoring and Assessment, Environmental Pollution, Environmental Research, Environment Science: Processes and Impacts, Environmental Science & Technology, Environmental Science: Processes and Impacts, International Journal of Hygiene and Environmental Health, Journal of Geophysical Research-Biogeosciences (AGU), Journal of Great Lakes Research, Journal of Toxicology & Environmental Health, Libertas Academica, Marine Chemistry, Neurotoxicology, Neurotoxicology & Teratology, Phytoremediation, Plos One, Science of the Total Environment, Scientific Reports, Water Air & Soil Pollution, Water Environment Research*