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**Education and  
Credentials**

M.E.M., Ecotoxicology &  
Environmental Health, Duke  
University, Durham, North  
Carolina, 2020

B.S., Environmental Science,  
Duke University, Durham, North  
Carolina, 2019

## **Professional Profile**

Ms. Stella Wang is an environmental scientist with training in chemistry, toxicology, and risk assessment. She complements her experience in analytical chemistry research with quantitative data analyses. By utilizing her strengths related to research and data management, Ms. Wang effectively supports a wide variety of projects.

## **Relevant Experience**

***Risk Assessments for Former Wood Treatment Facility, Mississippi***—Supporting human health and ecological risk assessments for two former wood treatment facilities. Work includes chemical screening, developing exposure parameters, compiling toxicity criteria, and calculating receptor risks. Constituents of concern are PAHs and dioxins/furans.

***Human Health Risk Assessment for Extended Floodplain, New York***—Participating in human health risk assessment for an extended river floodplain area in New York State where PCBs are the chemical of concern. Completed review of current and anticipated future use for study area parcels.

***Frenchtown Mill, Missoula, Montana***—Assisting with ecological and human health risk assessment by identify data gaps relevant to the remedial investigation, risk assessments, and the feasibility study.

***1,2,3-Trichloropropane (TCP) Toxicity Assessment***—Supported a critical review of EPA's toxicological review for 1,2,3-TCP. Compiled available maximum contaminant levels and risk-based screening levels for 1,2,3-TCP. Conducted reviews of 1,2,3-TCP toxicity literature.

***Technical Review of Vanadium Public Health Goal***—Reviewed EPA's Public Health Goal for vanadium. Evaluated available noncancer toxicity criteria and the underlying toxicity data. Assessed the relative contributions from various media to evaluate the use of a default relative source contribution term.



## **Academic Experience**

**Master's Project**—Collected strobilurin fungicide exposure data by analyzing fungicide residue on strawberries, grapes, and spinach samples. Determined human health risk based on hazard quotients.

**Teaching Assistant**—Instructed graduate and undergraduate students enrolled in Duke University's Human Health and Ecological Risk Assessment course during the spring 2020 semester.

**Diverse & Inclusive Community for the Environment (DICE) Student Group**—Served as an Executive Board member (2018–2019) and President (2019–2020). Led initiatives that aimed to bridge gaps between communities at the Nicholas School and facilitated reflections on diversity, equity, inclusion, and justice-related issues.

