

## Evaluation of Microplastics in the Phoenix Metro Area and Human Exposure

Dr. Beth Polidoro

Dr. Polidoro is conducting a large-scale, multi-year project to determine the spatial extent, composition and risk assessment of microplastics in the metro-Phoenix area (including the cities of Peoria, Glendale, Phoenix, Scottsdale, and Tempe, among others). This summer project will include both field and lab work towards the ongoing monitoring of microplastic presence and associated contaminants in Phoenix air, water, soil and organismal samples. Results of the project will be used to estimate the potential microplastic and other contaminant exposure to human populations in metro-Phoenix, as well as to estimate the potential for long-term adverse health outcomes.