**Publications Related To These Projects**

* **Meyer-Dombard, D.R.**, Bogner, J.E., Malas, J. (2020) A review of landfill microbiology and ecology: A call for modernization with ‘next generation’ technology. *Frontiers in Terrestrial Microbiology*, 11: Article 1127.

**Conference Presentations Related To These Projects:**

**Conference Abstracts [presenter in bold, Meyer-Dombard students underlined]:**

**Contributed Oral Presentations:**

**1]** **Tanzillo, M.**, Meyer-Dombard, D.R., Bogner, J.E. (2020). Influence of elevated temperature on the microbiome of a municipal solid waste landfill. Geological Society of America annual meeting, 2020. Abstract#356851.

**2]** **Malas, J.**, Khoury, S., Tanzillo, M., Fischer, G.A., Bogner, J., Meyer-Dombard, D.R. (2020). Impact of changing waste streams on microbial ecology and biogeochemical cycling in landfill ecosystems. Geological Society of America annual meeting, 2020. Abstract#358928.

**Contributed Poster Presentations:**

**8]** Khoury, S., Meyer-Dombard, D.R., Bogner, J., Malas, J, Fischer, G.A. (2021). Microplastics: Abundance and Effect on Microbial Life in Landfills, Wetlands, and Grassland.Midwest Geobiology Symposium, Indianapolis, Indiana.

**7]** Malas, J., Khoury, S., Tanzillo, M., Fischer, G.A., Bogner, J., Meyer-Dombard, D.R. (2020) Impact of changing waste streams on microbial ecology and biogeochemical cycling in deep landfill ecosystems.American Geophysical Union, Fall Meeting, 2020.

**6]** Tanzillo, M., Meyer-Dombard, D.R., Bogner, J.E. (2020) Influence of Elevated Temperatures on the Microbiome of a Municipal Solid Waste Landfill. American Geophysical Union, Fall Meeting, 2020.

**5]** Tanzillo, M., Meyer-Dombard, D.R., Bogner, J. (2020). Influence of elevated temperatures on the microbiome of a municipal solid waste landfill. Geological Society of America annual meeting, 2020. Abstract#358951.

**4]** Khoury, S., Malas, J., Tanzillo, M., Fischer, G.A., Bogner, J., Meyer-Dombard, D.R. (2020). Abundance of microplastics in landfills and their effects on microbial processes. Geological Society of America annual meeting, 2020. Abstract#358929.

**3]** Malas, J., Khoury, S., Tanzillo, M., Fischer, G.A., Bogner, J., Meyer-Dombard, D.R. (2020) Impact of changing waste streams on microbial ecology and biogeochemical cycling in landfill ecosystems.Geological Society of America annual meeting, 2020. Abstract#358928.

**2]** Malas, J., Khoury, S., Tanzillo, M., Fischer, G.A., Patete, I.D., Bogner, J.E., Meyer-

Dombard, D.R. (2019). Trash or treasure? Biogeochemical cycling in landfill ecosystems. Abstract B76-546328 (poster presentation). American Geophysical Union, Fall Meeting, 2019.

**1]** Malas, J., Khoury, S., Tanzillo, M., Fischer, G.A., Patete, I.D., Bogner, J.E., Meyer-

 Dombard, D.R. (2019). Trash or treasure? Biogeochemical cycling in landfill ecosystems. 8th Annual Midwest Geobiology Symposium, St. Louis, MO.