Drivers of microbial community structure in a shallow estuary in the southeast that experiences seasonal hypoxia.

Weeks Bay is a shallow, tidally influenced estuary on the eastern shore of Mobile Bay in Alabama. More text about the location and why it’s interesting.

Samples were taken along a transect from the mouth of the bay upstream to the Fish River. More about the sampling. Water was filtered in sterivex filters and the total DNA extracted. Genes for 16S rRNA and 18S rRNA were sequenced according to Earth Microbiome Project protocols.