

Conference Presentation: Madrid, Maia, James Byker, Claire C. Costello, and Gabriela R. Lantinga (2018). "Measurement of Alongshore Dune Sediment Budgets and Movement." Annual Meeting of the Michigan Academy of Science, Arts, and Letters, Central Michigan University (Mount Pleasant, MI), 9 March 2018.

Abstract: Studies investigating the of dune interactions with beach sediment budgets along Lake Michigan have been sparse. This study examines the characteristics and sediment exchanges of the foredune-beach system at three locations along the east Lake Michigan coast: Rosy Mound Natural Area, PJ Hoffmaster State Park, and Muskegon State Park. In Nov-Dec 2017, roughly 800 meters of beach in each location were mapped using GPS units; mapped features included the shoreline and beach-foredune boundary. The beach-foredune boundary was delineated at 800 meters (800 meters).