

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Excel file containing the dataset of decay corrected excess ^{234}Th values used in this analysis and associated metadata from sediment cores collected during baseline (2021, 2022) and post-PCV (2022) sampling campaigns in NORI-D.

File Name: Supplementary Data 2

Description: Excel file containing statistical analyses referenced in the study. This file includes results from one-way ANOVA and Tukey's Honest Significant Difference (HSD) post hoc pairwise comparisons across sampling sites and timestamps. Specific p-values for each pairwise test are provided.