

SUPPLEMENTARY FIGURES

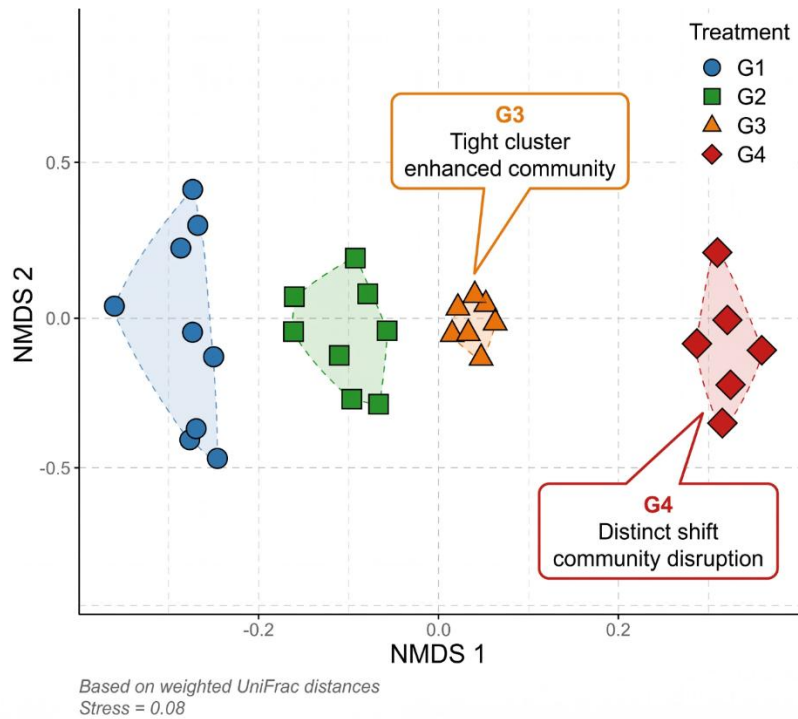


Figure S1: Beta Diversity Analysis (NMDS Plot).

From the figure S1 above it can be deduced that a rendered preview of the NMDS scatter plot showing the four clearly separated clusters with annotation callouts. The simulated coordinates reflect the described pattern: G₃ samples cluster tightly together (similar community structure), while G₄ forms a distinctly separate cluster (community shift due to excessive current).

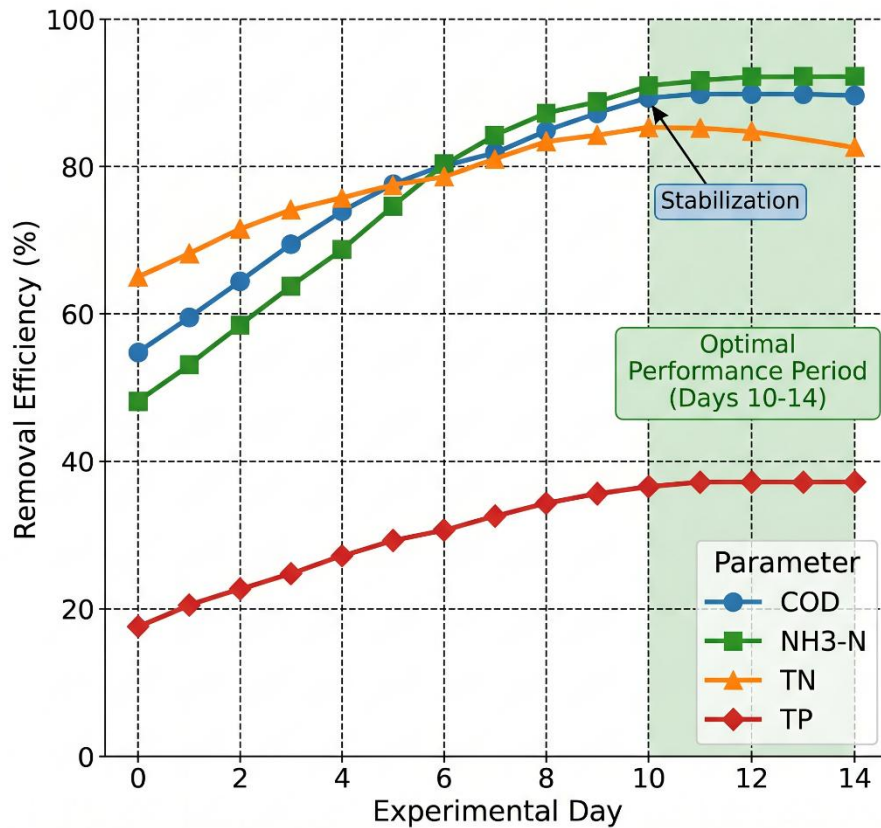


Figure S2: Temporal Performance Profile (G3, 20mA)

Description: Line graph showing nutrient removal over 14-day experimental phase X-axis: Days (0-14) Y-axis: Removal efficiency (%) Four lines for each parameter (COD, NH₃-N, TN, TP) Show stabilization after day 10 Indicate optimal performance period (days 10-14).