

The diagram illustrates the experimental design with four groups of replicates arranged in a grid. The groups are labeled on the left: Tide Pool 1 (S1), Tide Pool 2 (S2), Nearshore (N), and Field Blank. Each group has three replicates, represented by three rows of colored rectangles. The rectangles are arranged in a grid, with colors indicating different environmental conditions or treatments. The colors transition from yellow on the left to green, then blue, and finally purple on the right. The Field Blank group is represented by a single yellow rectangle in the bottom row.