

The diagram illustrates the experimental design for the study. It shows four groups of replicates arranged along a transect, with color-coded boxes representing different stages of the experiment. The groups are:

- Tide Pool 1 (S1)**: Three replicates, each with a yellow box (Stage 1) and a light blue box (Stage 2).
- Tide Pool 2 (S2)**: Three replicates, each with a yellow box (Stage 1) and a light blue box (Stage 2).
- Nearshore (N)**: Three replicates, each with a yellow box (Stage 1) and a light blue box (Stage 2).
- Field Blank**: One replicates, with a yellow box (Stage 1) and a light blue box (Stage 2).

The diagram shows the spatial arrangement of these groups along a transect, with color-coded boxes representing different stages of the experiment. The boxes are arranged in a grid, with the groups labeled on the left and the replicates numbered on the right. The color of the boxes indicates the stage of the experiment: yellow for Stage 1, light blue for Stage 2, and light green for Stage 3.