

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

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 first column representing the initial stage (yellow) and subsequent columns representing later stages (light green, light blue, dark blue, and purple).