

Associate Editor Dr. Jack Middelburg:

Thank you very much for your comments and for accepting our manuscript for publication. Below are the detailed responses to your comments:

Line 14: SST is used for the first time here, explain abbreviation or simply write temperature.

We added “Sea Surface Temperature (SST).”

Line 227, Line 239: Salinity has no unit by definition (measured as ratio of conductivities). So please remove psu (although quite some biologists use this).

We have removed psu from all instances in the ms and tables

Line 426: I only see four points (or is there one behind the other?).

One is hiding behind the other. There are in fact 5 points

Line 443: CCA that were exposed (or was a single algae exposed).

We changed “was” to “were”

Line 746-747: The gamma and delta in the figure caption are swapped (at least not consistent with the figure). Moreover, you might consider just adding pre-industrial, present, 2050, and 2100 to figure and remove alpha to delta overall since you do not use them otherwise in the text. Makes your figures more self-explanatory.

We have removed the Greek letters and took your suggestion. We replaced the letters with x's and the words: “Pre-industrial, Present, 2050, and 2100”. The figure legend now reads, “The x's on the top panel represent the imposed conditions for Pre-industrial, Present Day, 2050, and 2100”