

Supplementary Material

1 SUPPLEMENTARY FIGURES

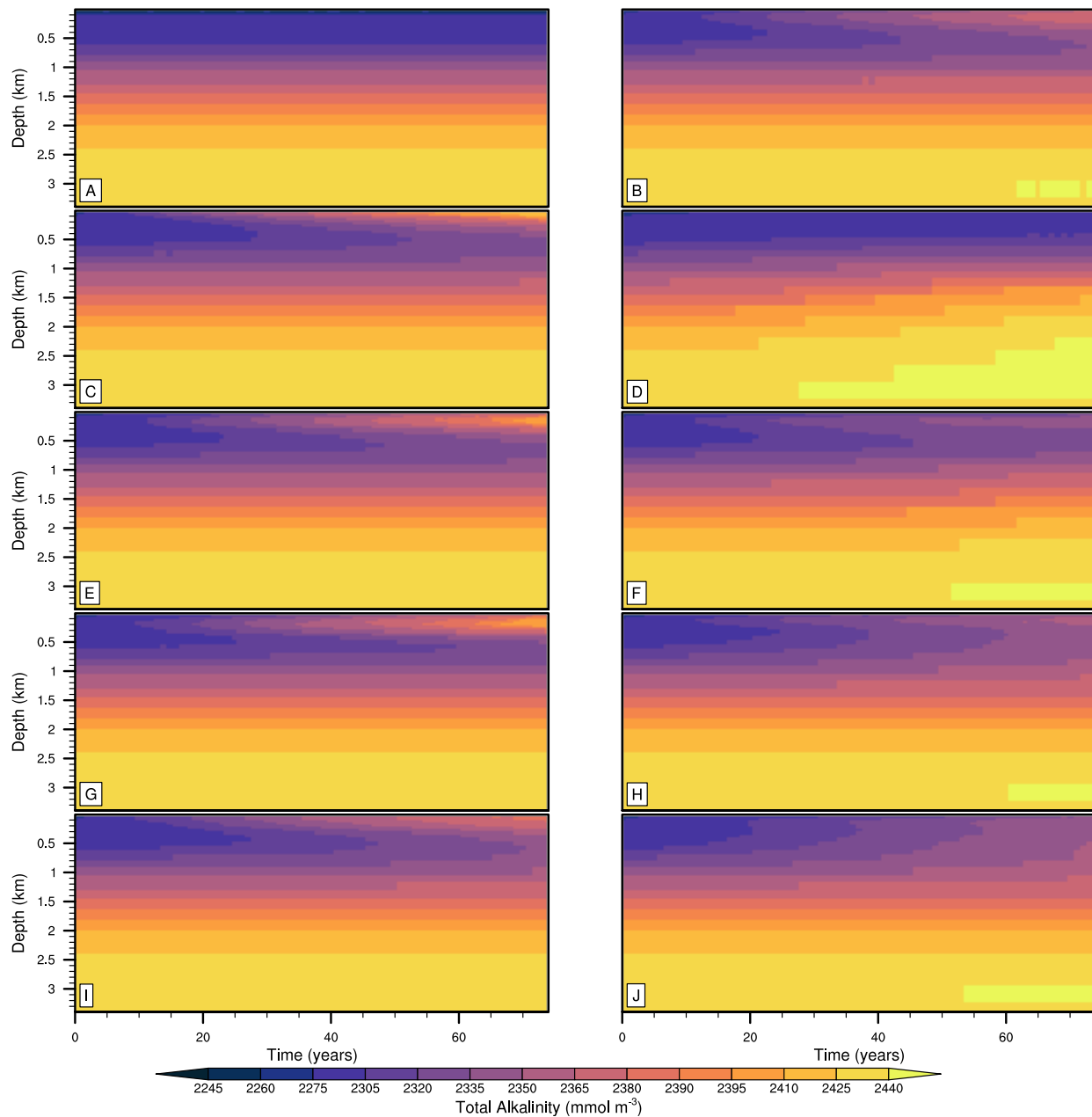


Figure S1. Evolution of the total mean depth profile through time for the (A) Control, (B) Global, (C) Subpolar North Pacific, (D) Subpolar North Atlantic, (E) Subtropical North Pacific, (F) Subtropical North Atlantic, (G) Subtropical South Pacific, (H) Subtropical South Atlantic, (I) Indian Ocean, and (J) Southern Ocean ocean alkalinity enhancement experiments

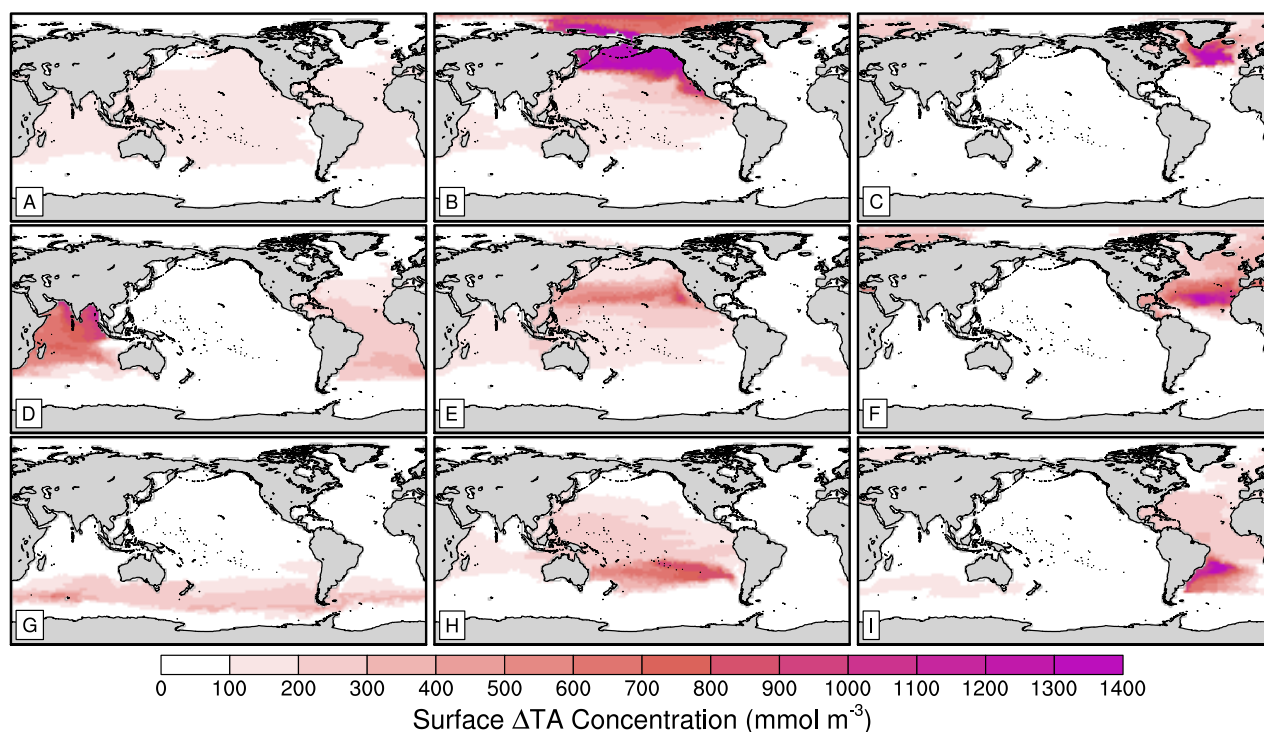


Figure S2. Maps of surface total alkalinity anomaly for the (A) Global, (B) Subpolar North Pacific, (C) Subpolar North Atlantic, (D) Indian Ocean, (E) Subtropical North Pacific, (F) Subtropical North Atlantic, (G) Southern Ocean, (H) Subtropical South Pacific, and (I) Subtropical South Atlantic ocean alkalinity enhancement experiments.

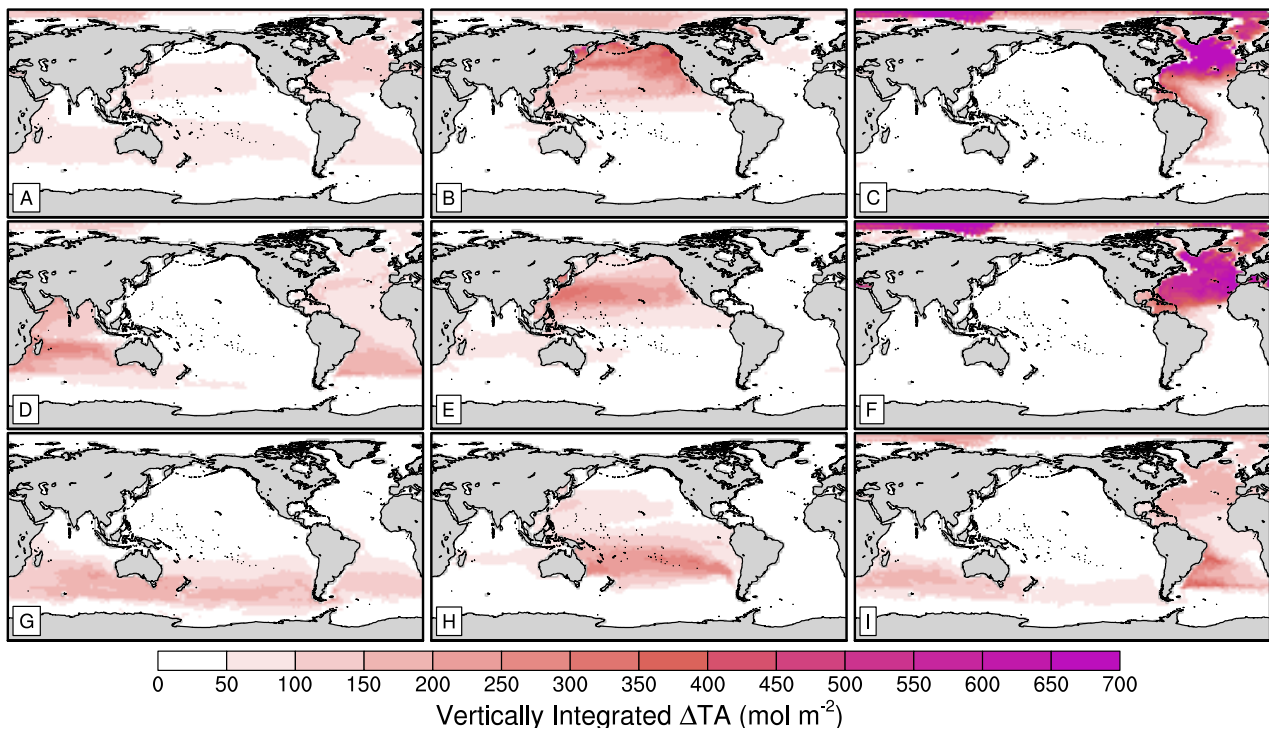


Figure S3. Maps of vertically-integrated total alkalinity anomaly for the (A) Global, (B) Subpolar North Pacific, (C) Subpolar North Atlantic, (D) Indian Ocean, (E) Subtropical North Pacific, (F) Subtropical North Atlantic, (G) Southern Ocean, (H) Subtropical South Pacific, and (I) Subtropical South Atlantic ocean alkalinity enhancement experiments.