



S1 Fig. Experimental approaches. A) Mesocosms contained within multiple 2500 L fiberglass tanks placed in larger 25000 L tanks for temperature regulation. B) Microcosms (laboratory scale) using 7 L beakers subject to temperature control in large aquaria. C) pH control system. D) Algal culture in 1 L glass flasks, at room temperature, where pH conditions were manipulated as in (C).