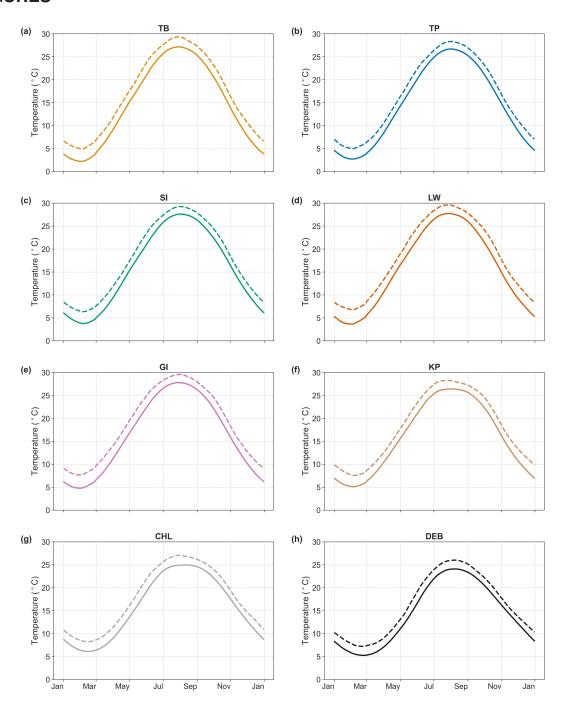


## Supplementary Material

## 1 FIGURES



**Figure S1.** Sea surface temperature climatology (solid lines) and 90th percentile threshold (dashed lines) used for MHWs calculation in our study area. Upper Bay: (a) Tolchester Beach (TB) and (b) Thomas Point (TP); Mid Bay: (c) Solomons Island (SI) and (d) Lewisetta (LW); Lower Bay: (e) Goodwin Island (GI) and (f) Kiptopeke (KP); Plume/Ocean: (g) Chesapeake Light Tower (CHL) and (h) Delaware Bay buoy (DEB)