Supplementary material

(a) Water temperature (°C)
- High: 12
- Low: 6.7

(b) pH
- High: 8.53
- Low: 8.45

(c) DO (mg/L)
- High: 16.7
- Low: 9.9

(d) SDO
- High: 2.56
- Low: 2.04
Figure S1: Seasonal temporal and spatial characteristics of water quality parameters in Erhai Lake. The maximum and minimum water quality values and their spatial variation of distribution in lake are indicated (color scale bar). The distribution maps were realized with the ArcGIS 10.2, 2013, using kriging interpolation. (a) WT, (b) pH, (c) DO, (d) SD, (e) TN, (f) TP, (g) COD, (h) Chla.