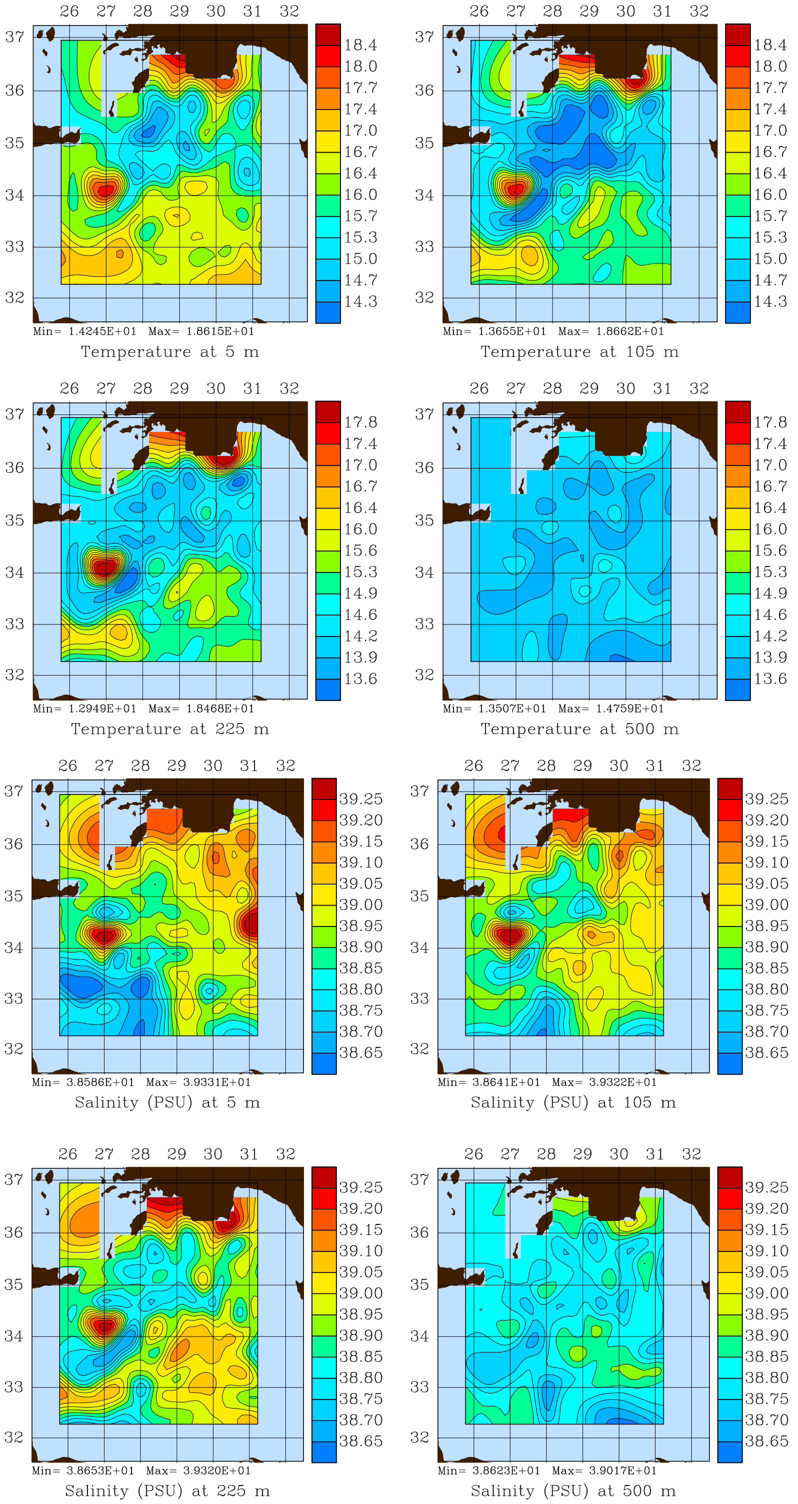

Fig. 11. Mesoscale ($w = 2$) temperature and salinity fields, at 5, 105, 225 and 500 m, as estimated by univariate two-dimensional HOPS analyses. The *a priori* estimate $\mathbf{x}^{\mathrm{b}}_{\mathrm{trc}}$ in this second-stage is the subbasin-scale analysis of the first-stage ($w = 1$) shown on Fig. 5. For temperature, the scaling at 5 and 105 m is as on Fig. 5, but at 225 and 500 m, it differs. For salinity, the scaling is uniform, as on Fig. 5.