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*Supplement of*

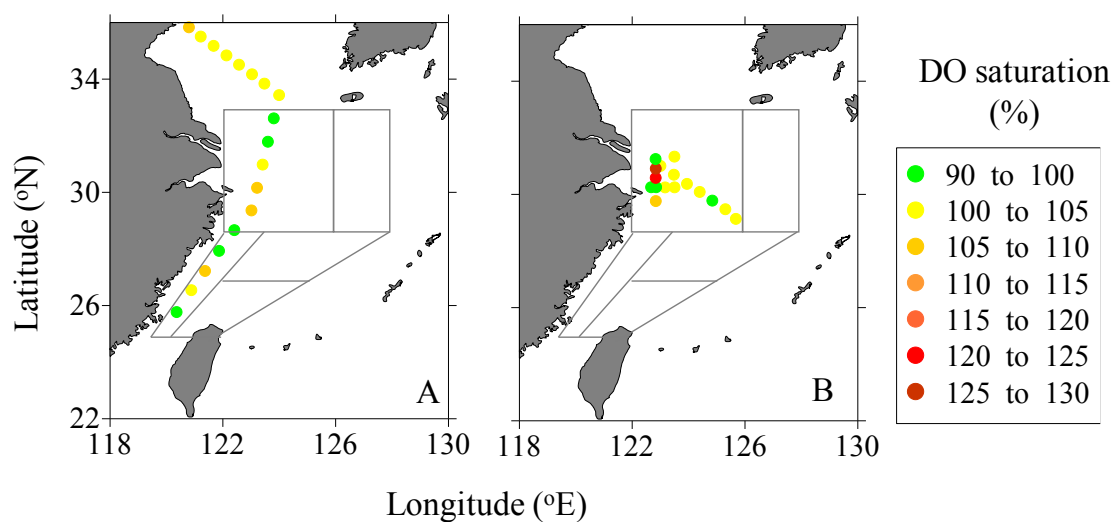
## **Air–sea CO<sub>2</sub> fluxes in the East China Sea based on multiple-year under- way observations**

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## Supplements

Fig. S1 Spatial distribution of oxygen saturation degree in the surface water during the (A) September and (B) October 2006 cruises. The framed areas show the five physico-biogeochemical domains. The dissolved oxygen (DO) saturation was calculated from the measured DO concentration (Winkler titration method, Dai et al. unpublished data) and the oxygen solubility of Bensen and Krause (1984).



## Reference

Benson, B.B. and Krause, D., 1984. The concentration and isotopic fractionation of oxygen dissolved in fresh-water and seawater in equilibrium with the atmosphere. *Limnology and Oceanography*, 29(3): 620-632.