



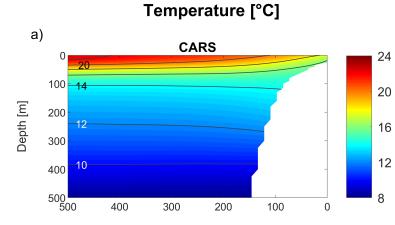
Supplement of

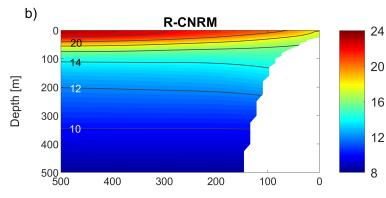
Physical and biogeochemical impacts of RCP8.5 scenario in the Peru upwelling system

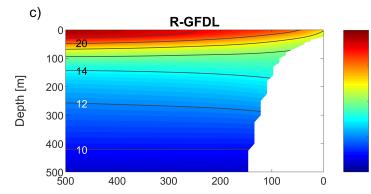
Vincent Echevin et al.

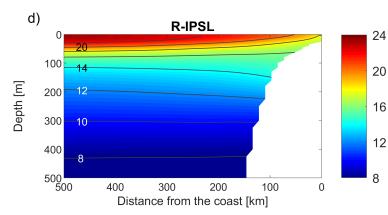
Correspondence to: Vincent Echevin (vincent.echevin@ird.fr)

The copyright of individual parts of the supplement might differ from the CC BY 4.0 License.

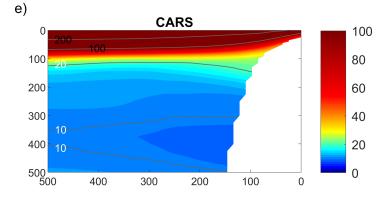


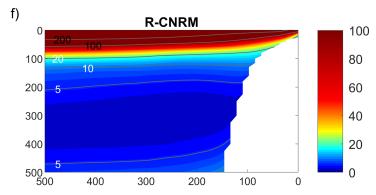


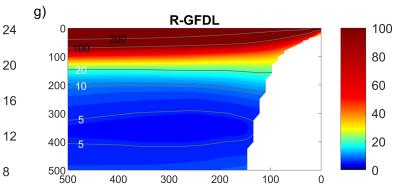




Oxygen [µmol/L]







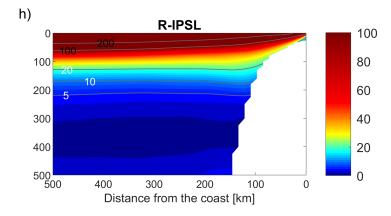


Figure S1: Annual vertical sections of (a),(b),(c),(d) nearshore temperature and (e),(f),(g),(h) nearshore oxygen for (a),(e) CARS, (b),(f) R-CNRM, (c),(g) R-GFDL and (d),(h) R-IPSL. They are alongshore averaged between 7°S and 13°S, and from 2006 to 2015.

8

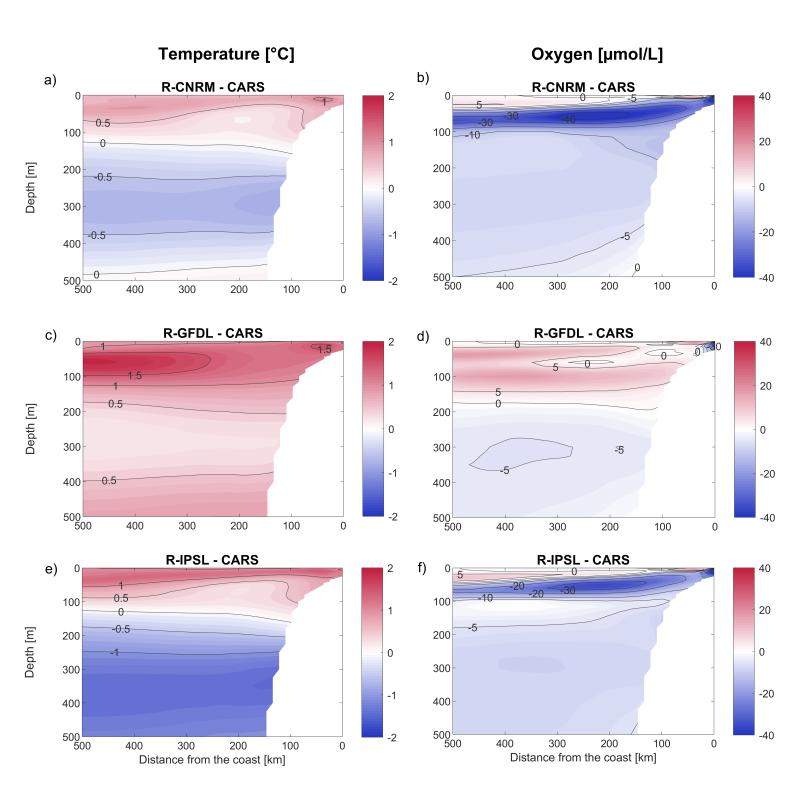


Figure S2: Annual vertical sections of bias of (a),(b),(c),(d) nearshore temperature and (e),(f),(g),(h) nearshore oxygen. The differences are calculated between (a),(d) R-CNRM and CARS, (b),(e) R-GFDL and CARS and (c),(f) R-IPSL and CARS. They are alongshore averaged between $7^{\circ}S$ and $13^{\circ}S$, and from 2006 to 2015.