

**CESM-LE**

Depth [m]

Total O<sub>2</sub> change

Solubility-driven O<sub>2</sub> change

Respiration-driven O<sub>2</sub> change

mmol m<sup>-3</sup>

15.0

7.5

0.0

-15.0

-30.0

-45.0

-60.0

-75.0

**CMIP5**

Depth [m]

Latitude [ ° N]

Latitude [ ° N]

Latitude [ ° N]

