

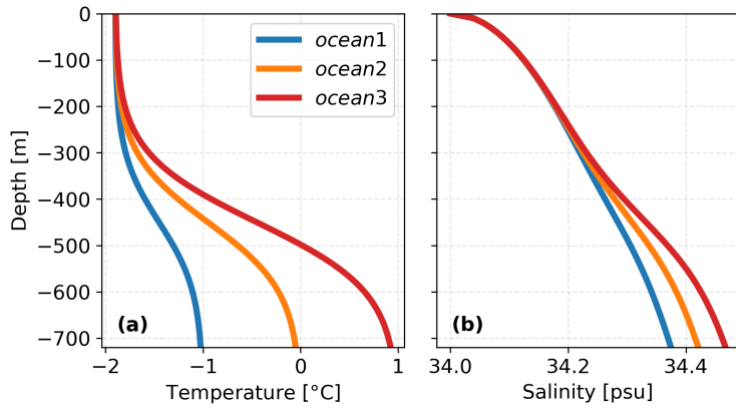


Figure S1. Temperature (a) and salinity (b) forcing profiles as described in Sect. 2.2.4

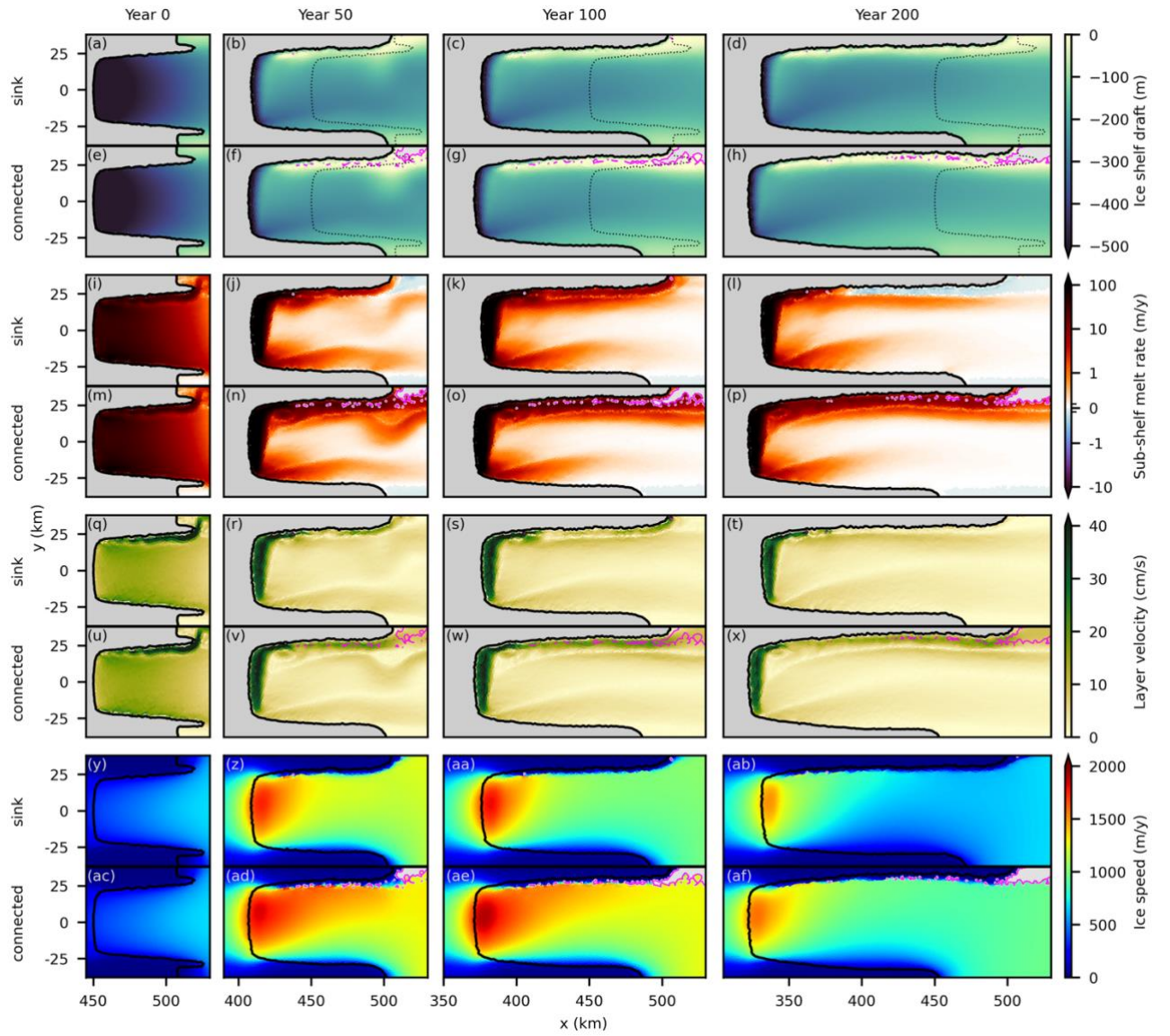


Figure S2. Same as Figure 3, but now for the 2 km resolution *ocean3* simulations.

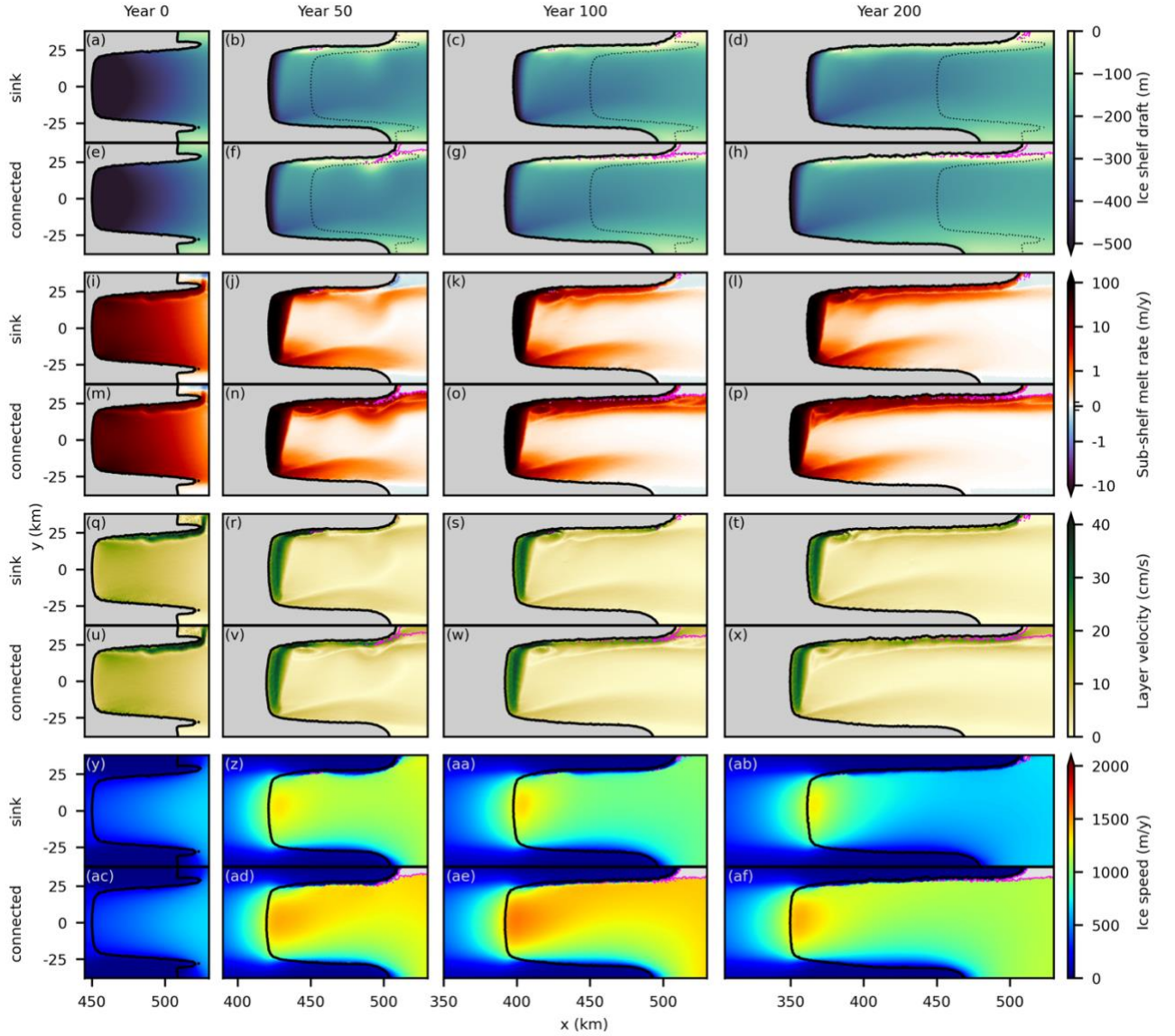


Figure S3. Same as Figure 3, but now for the 1 km resolution *ocean2* simulations.

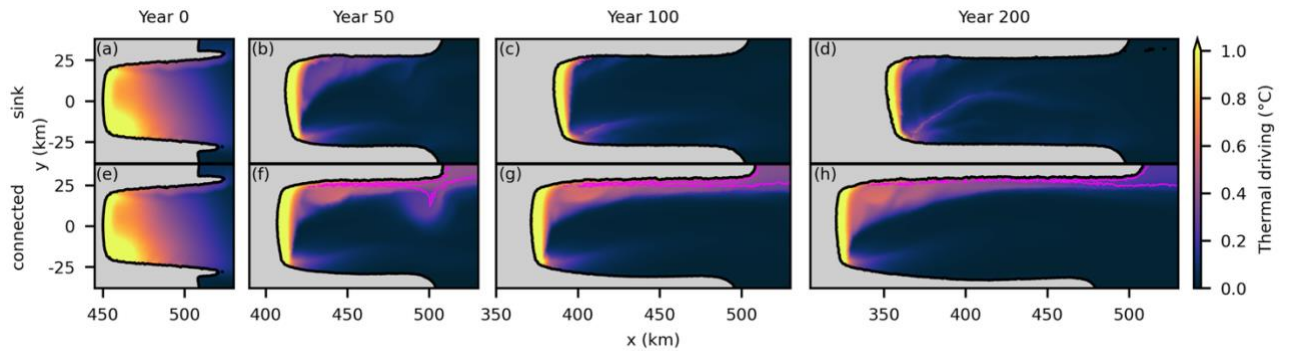


Figure S4. Thermal driving for the 1 km resolution *ocean3* simulations (other fields shown in Fig. 3).