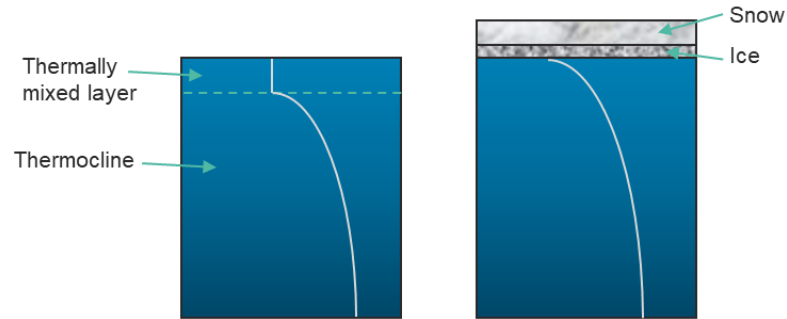


Implementing the FLake model in LFRic



Lake module update

Future work planned for FLake

- Work to ensure energy conservation in shallow lakes.
- Exploring the need for an ancillary of lake thermocline depth.
- Investigating methods for initialising FLake prognostic fields for coupled simulations

Melt ponds on ice sheets

- Sarah Shannon at Reading is starting to develop a model of melt lakes for JULES so that it can be incorporated into Antarctic ice sheet modelling efforts.