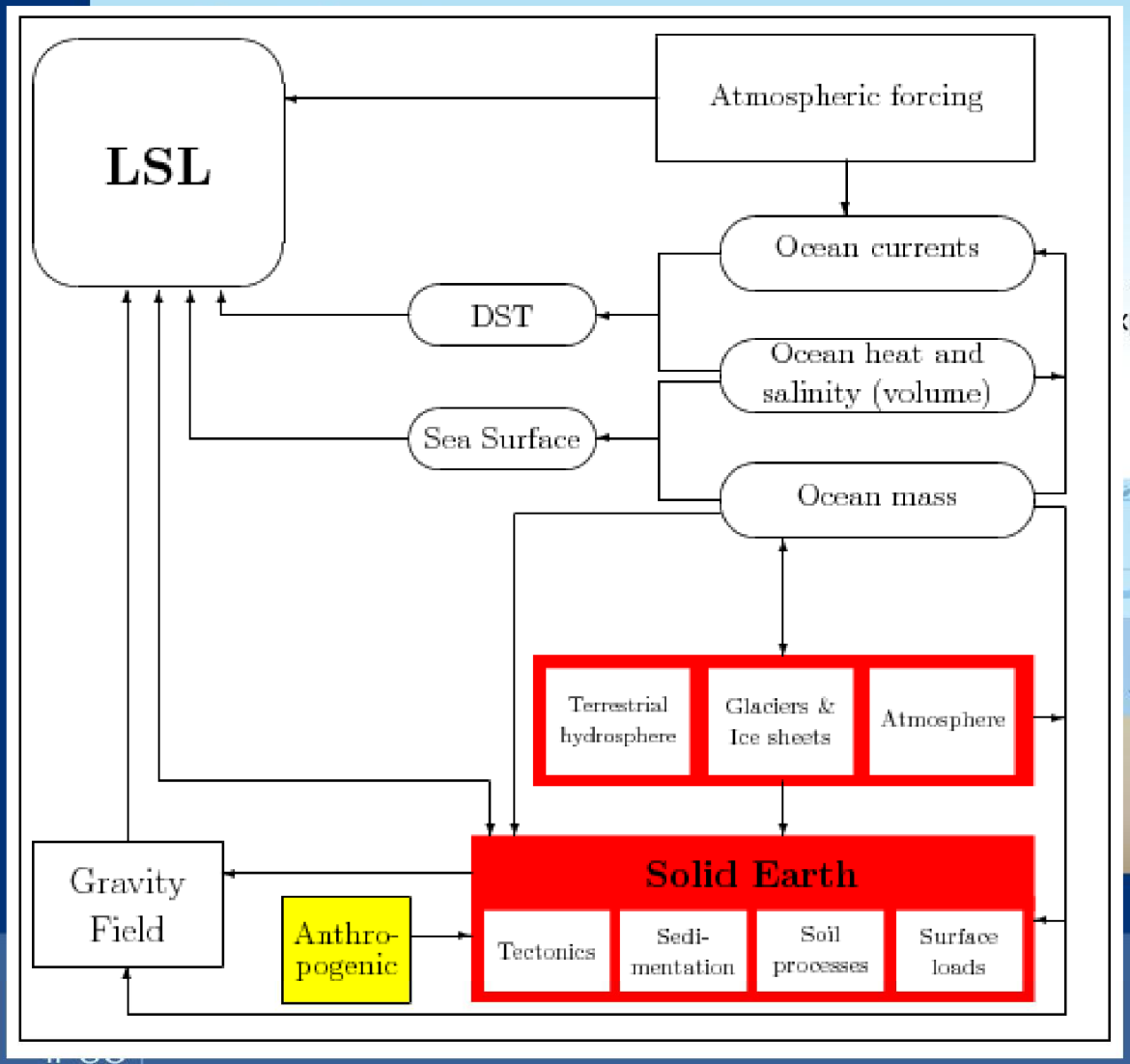
Science of Sea Level Changes

Local Sea Level (LSL): vertical distance between sea surface and land surface.



LSL is the result of local, regional, and global Earth system processes.

We have no Earth system model to predict LSL variations (both past and future).

We have models for some of the processes.

Best practice:

- Local approach: sum of contributions from various processes