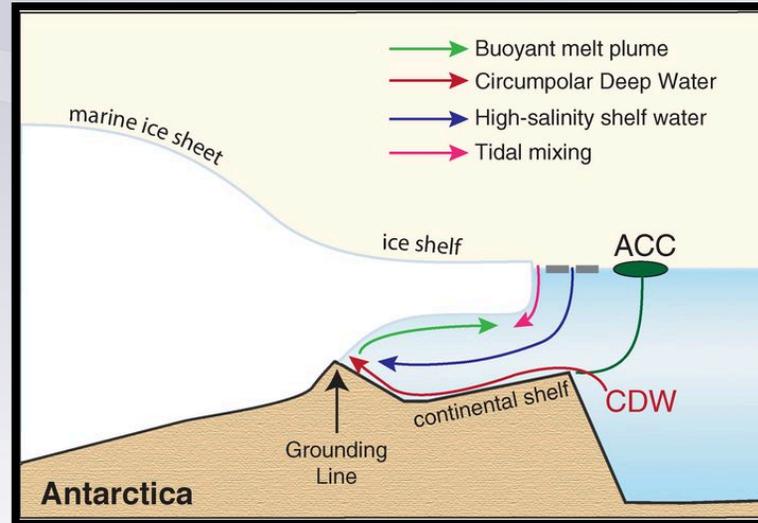
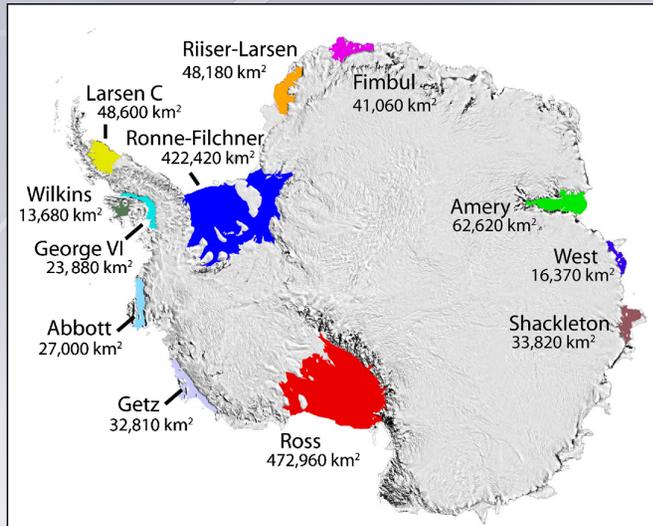


R: Ocean Cavities Below Ice Shelves

Mark Petersen, Xylar Asay-Davis, Jeremy Fyke, Douglas Jacobsen



- MPAS-Ocean can now run with cavities, due to:
1. Versatile vertical grid that can tilt & expand
 2. Advanced pressure gradient formulation
 3. Initialization process of ice pressure/ice draft
 4. Addition of land ice melt fluxes to ocean
 5. Thorough testing: idealized and realistic

