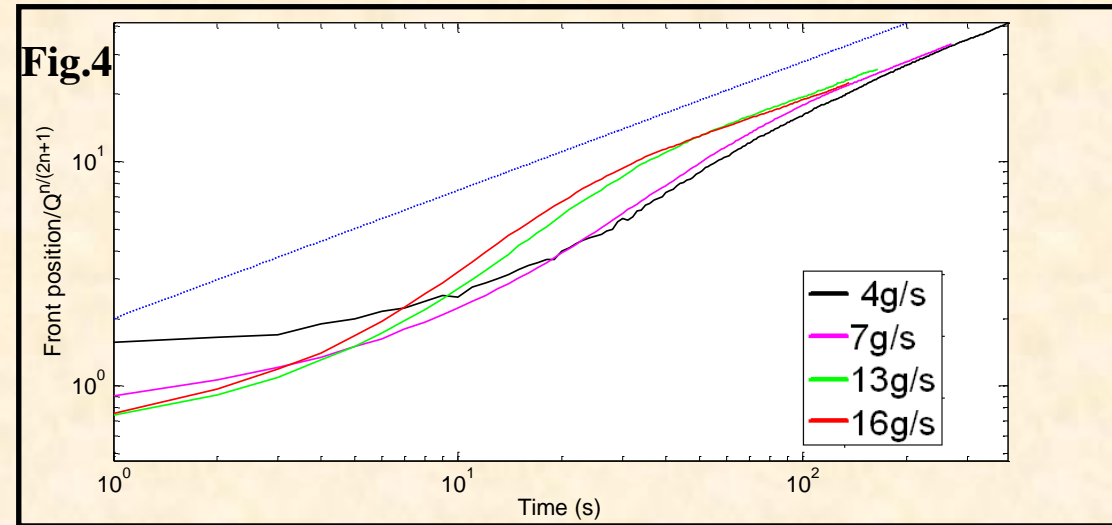
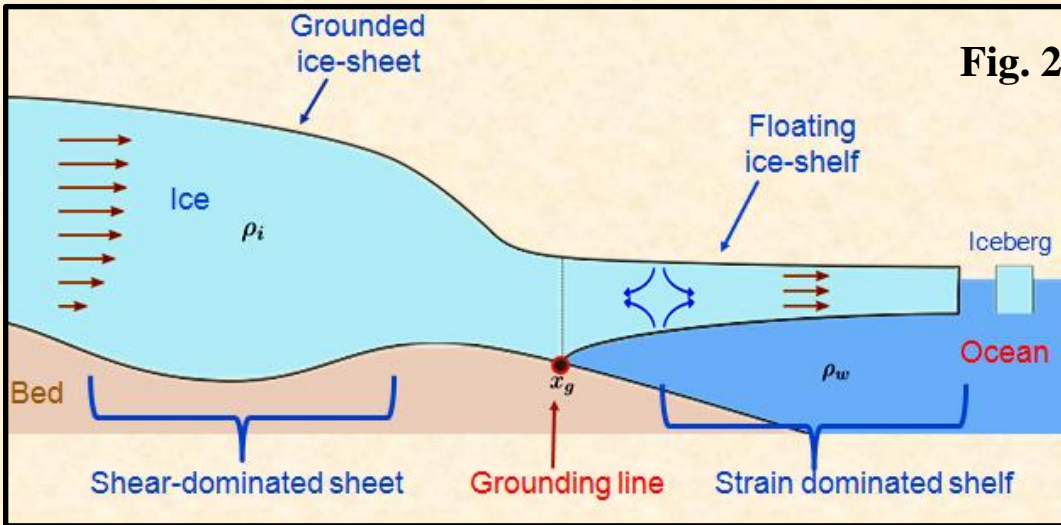
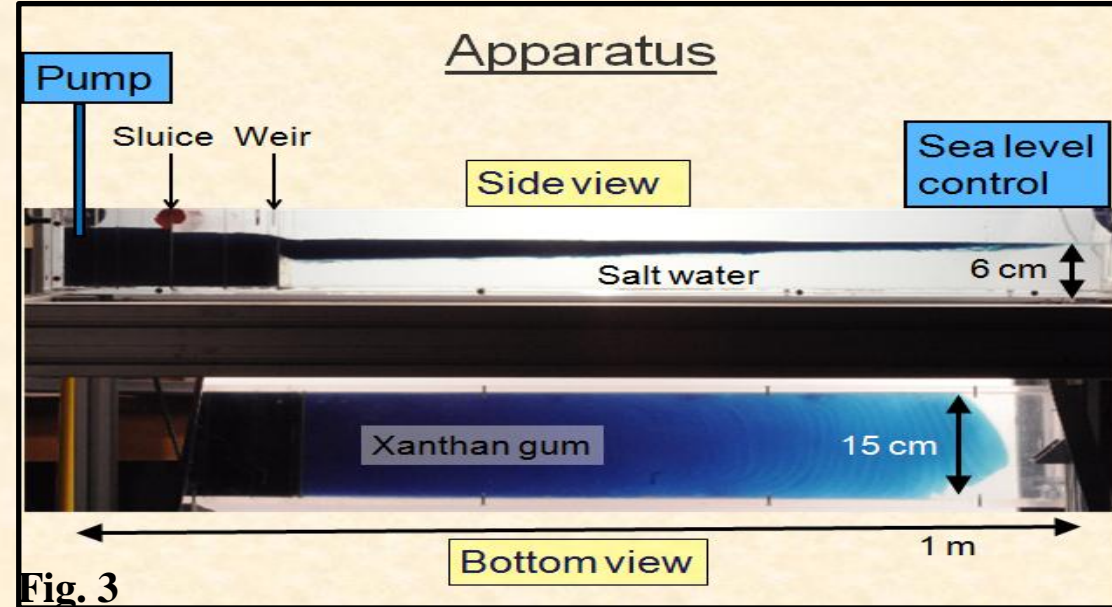
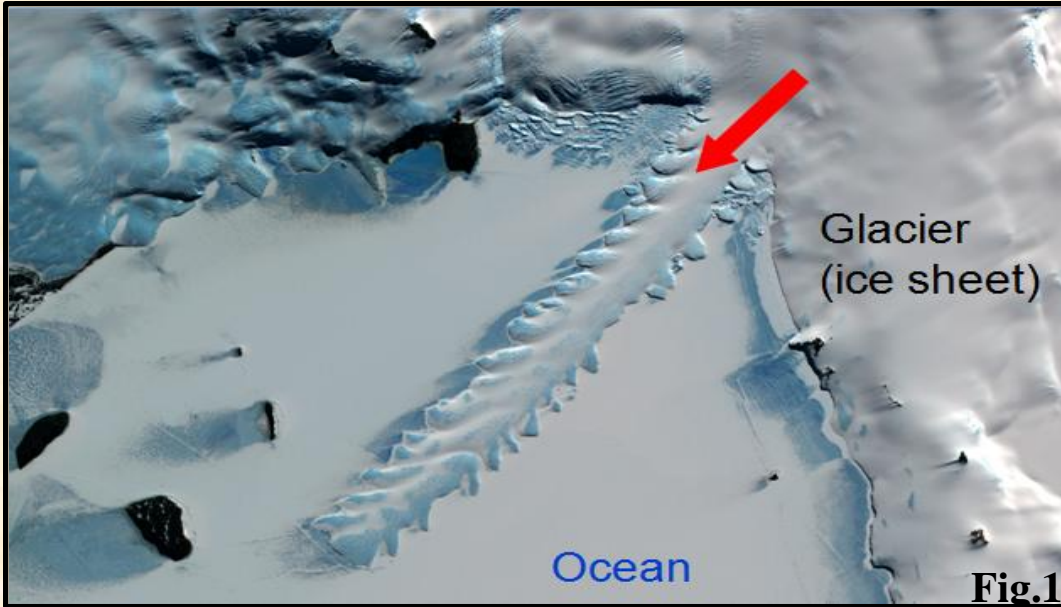


Floating Channel Flows



Investigating dynamics of marine ice sheets and ice tongues (Erebus Ice Tongue, Fig.1) using non-Newtonian fluids. Developing theoretical model (Fig.2) and testing it experimentally (Fig.3). Experiments verified our theory (Fig.4). It could be a major breakthrough in understanding dynamics of marine ice sheets equivalently change in sea level.