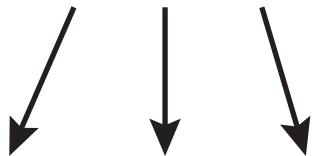


Precipitation (snowfall)



Snow accumulation



Snowfall into the ocean



Winds



Dynamics



Wind packing



New fresh snow

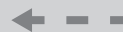
 ρ_s^{new} h_s^{new}

Old compacted snow

 ρ_s^{old} h_s^{old}

Sea ice

Ice drift



Ocean

Wind blown
snow lost
to leads