

High Latitude

Low Latitude



Atmospheric transport, and chemistry



Gas exchange

Warming

Sea ice biogeochemistry

Dust

N fixation

Hydrate de-stabilisation

Warming

Ocean acidification

Freshwater runoff

De-oxygenation, eutrophication

Particle production and flux

Upwelling

Convective mixing

Meridional overturning

Denitrification

Warming