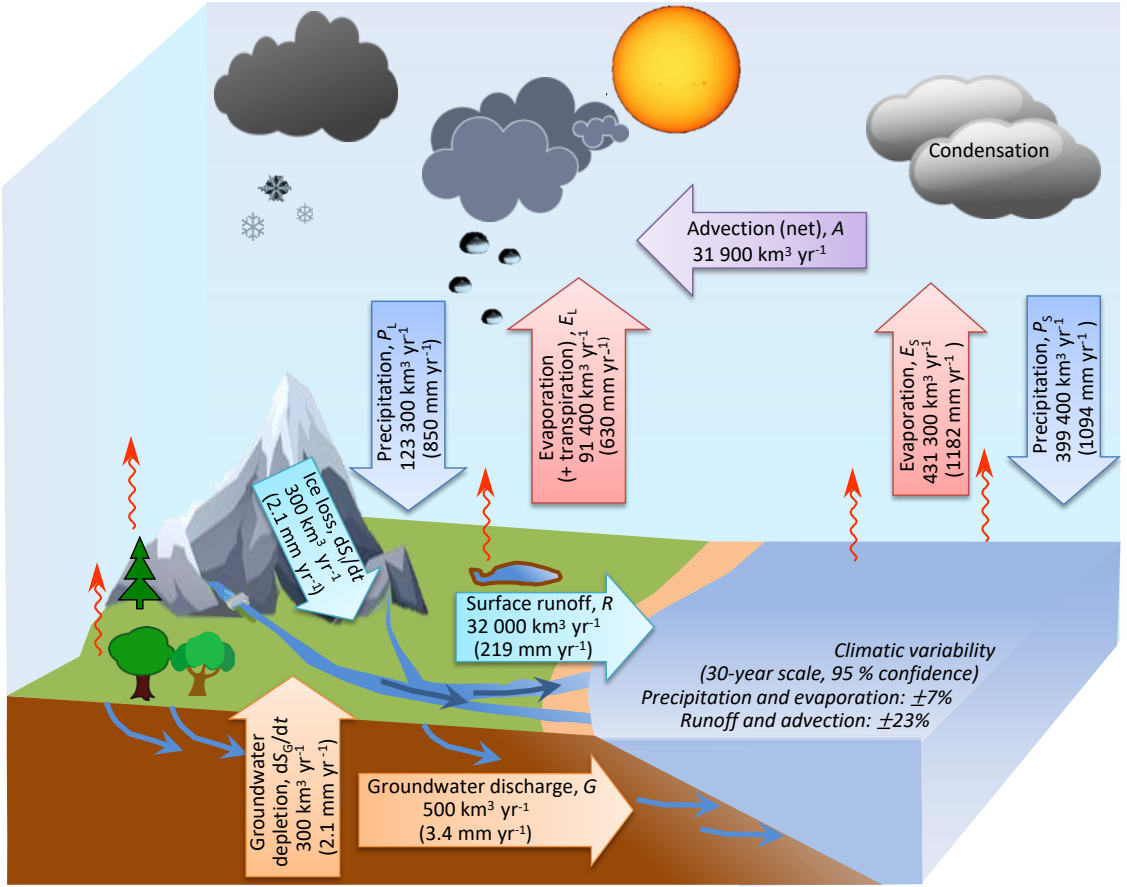
Condensation
Advection (net), A
31 900 km³ yr⁻¹
Precipitation, P_L
123 300 km³ yr⁻¹
(850 mm yr⁻¹)
Evaporation
(+ transpiration), E_L
91 400 km³ yr⁻¹
(630 mm yr⁻¹)
Evaporation, E_S
431 300 km³ yr⁻¹
(1182 mm yr⁻¹)
Precipitation, P_S
399 400 km³ yr⁻¹
(1094 mm yr⁻¹)
Ice loss, dS_I/dt
300 km³ yr⁻¹
(2.1 mm yr⁻¹)
Surface runoff, R
32 000 km³ yr⁻¹
(219 mm yr⁻¹)
Climatic variability
(30-year scale, 95 % confidence)
Precipitation and evaporation: ±7%
Runoff and advection: ±23%
Groundwater
depletion, dS_G/dt
300 km³ yr⁻¹
(2.1 mm yr⁻¹)
Groundwater discharge, G
500 km³ yr⁻¹
(3.4 mm yr⁻¹)