

## IB DP Geography – Option A Freshwater - Key Controls in a Drainage Basin

Size & Shape

Temperature

Geology

Tides & Storm Surges



**These eight controls should not be viewed in isolation to one another. It is rare that just one of these control mechanisms would contribute towards a major event in a drainage basin. They should therefore be viewed as an interacting set of factors (systems thinking) that contribute towards the behaviour of the basin.**

Type of precipitation

Land use

Soil Type

Drainage Density