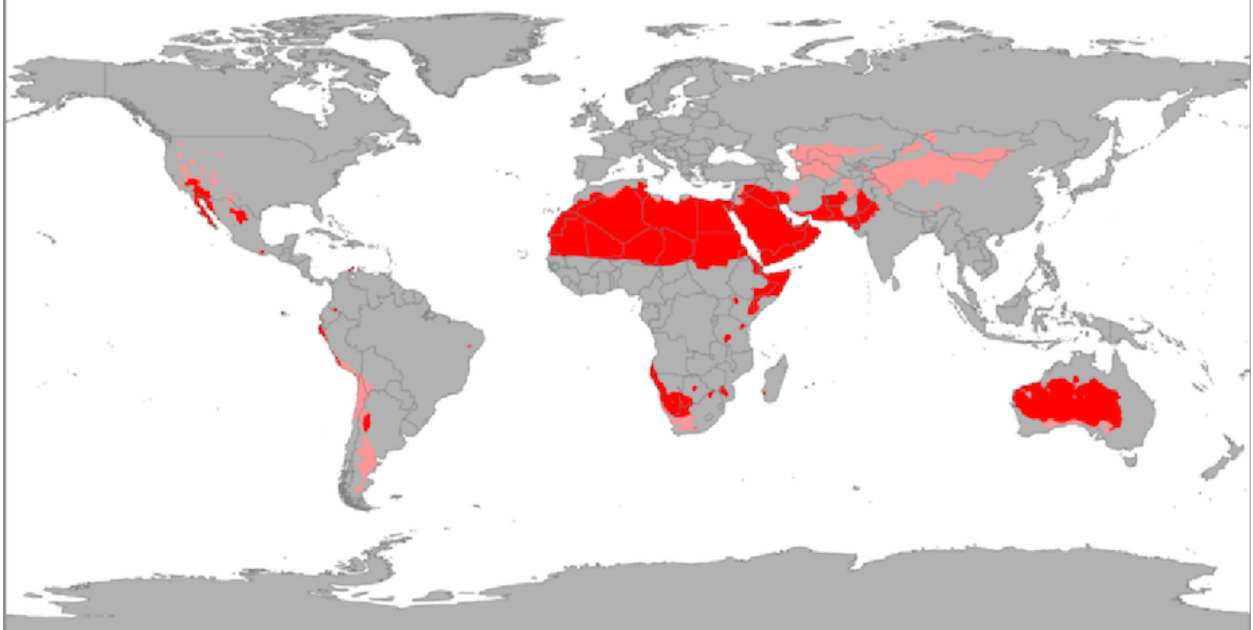


Climate Aspects Pre-Assessment

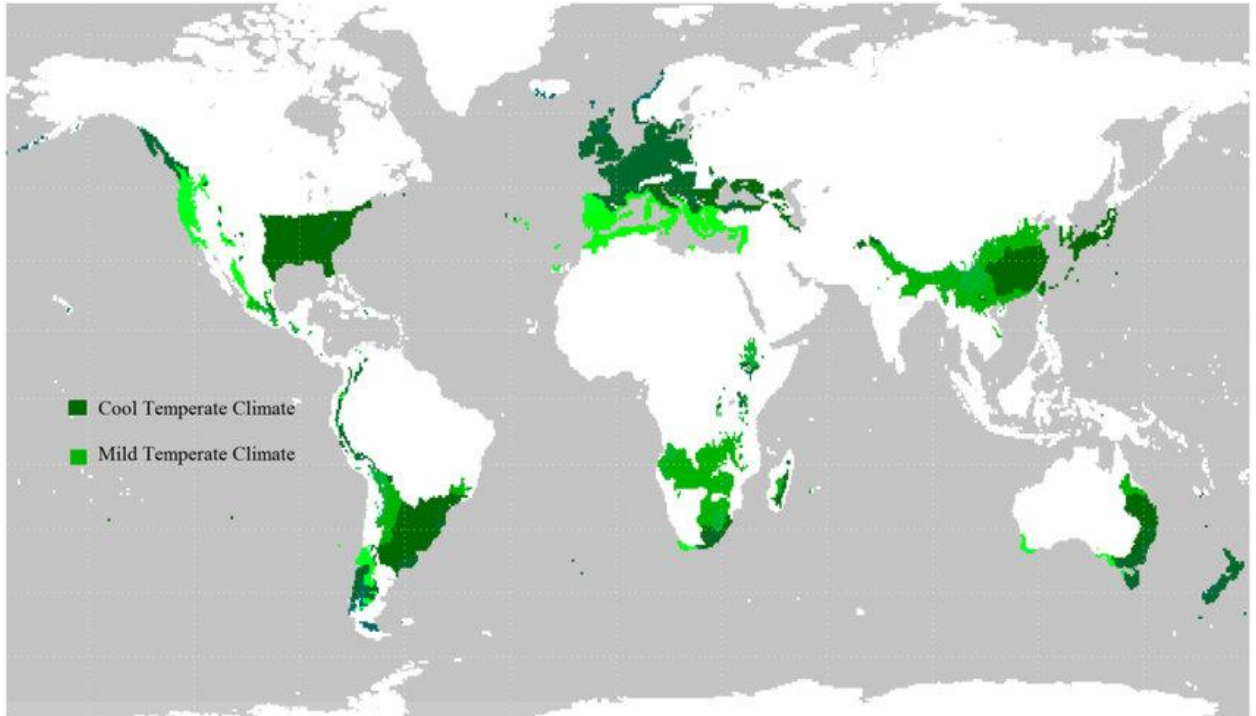
Directions: Choose one of the following climate zones to explain how the atmosphere, hydrosphere, and cryosphere work together to create it.

1. The dry climate zone is characterized by very, very low precipitation.



Explain how the **atmosphere** (air circulation, high or low pressure, air masses), **hydrosphere** (ocean currents), and **cryosphere** (how albedo and the cold contribute to air and ocean circulation) come together to create this climate zone.

2. The moderate climate zone is characterized by warm and cold temperatures (it has seasons) and it gets a moderate amount of precipitation.

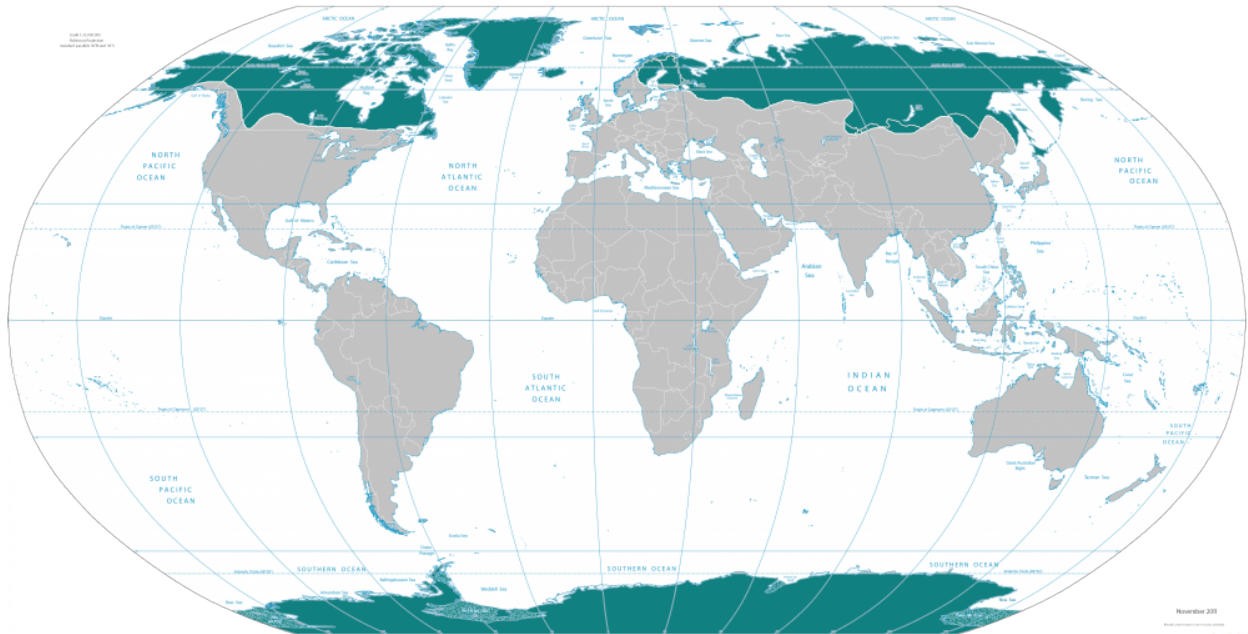


Explain how the **atmosphere** (air circulation, high or low pressure, air masses), **hydrosphere** (ocean currents), and **cryosphere** (how albedo and the cold contribute to air and ocean circulation) come together to create this climate zone.

3. The polar climate is characterized very cold temperatures and can have high levels of snow.

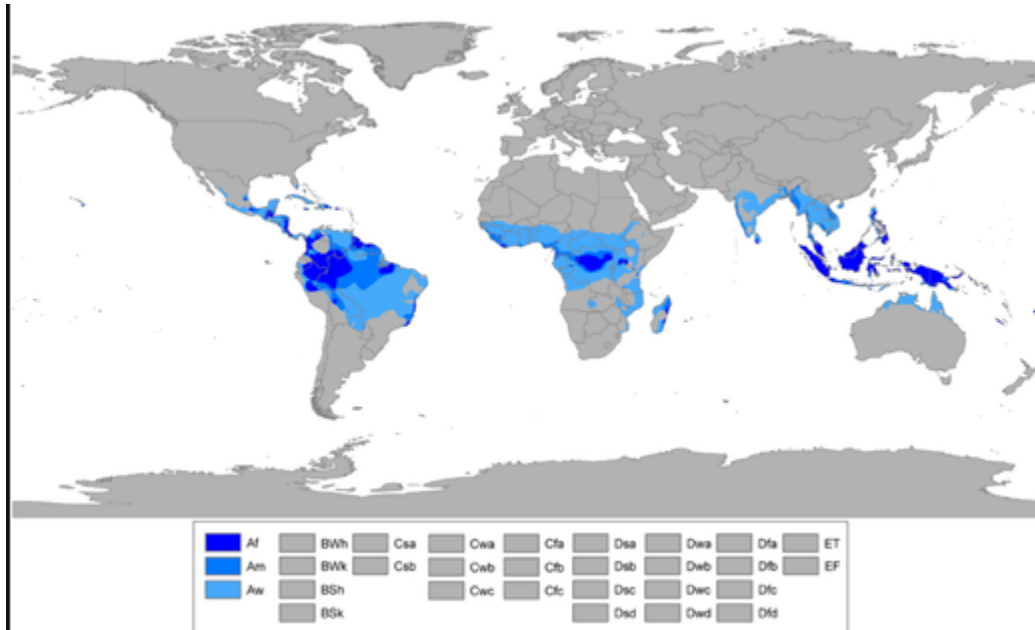
Political Map of the World, November 2011

From: <https://www.cgoc.gov/ftp/pub/cosmos/step-publication-Adaptation.pdf>



Explain how the **atmosphere** (air circulation, high or low pressure, air masses), **hydrosphere** (ocean currents), and **cryosphere** (how albedo and the cold contribute to air and ocean circulation) come together to create this climate zone.

4. The tropical climate zone is characterized by warm temperatures and lots of rain.



Explain how the **atmosphere** (air circulation, high or low pressure, air masses), **hydrosphere** (ocean currents), and **cryosphere** (how albedo and the cold contribute to air and ocean circulation) come together to create this climate zone.