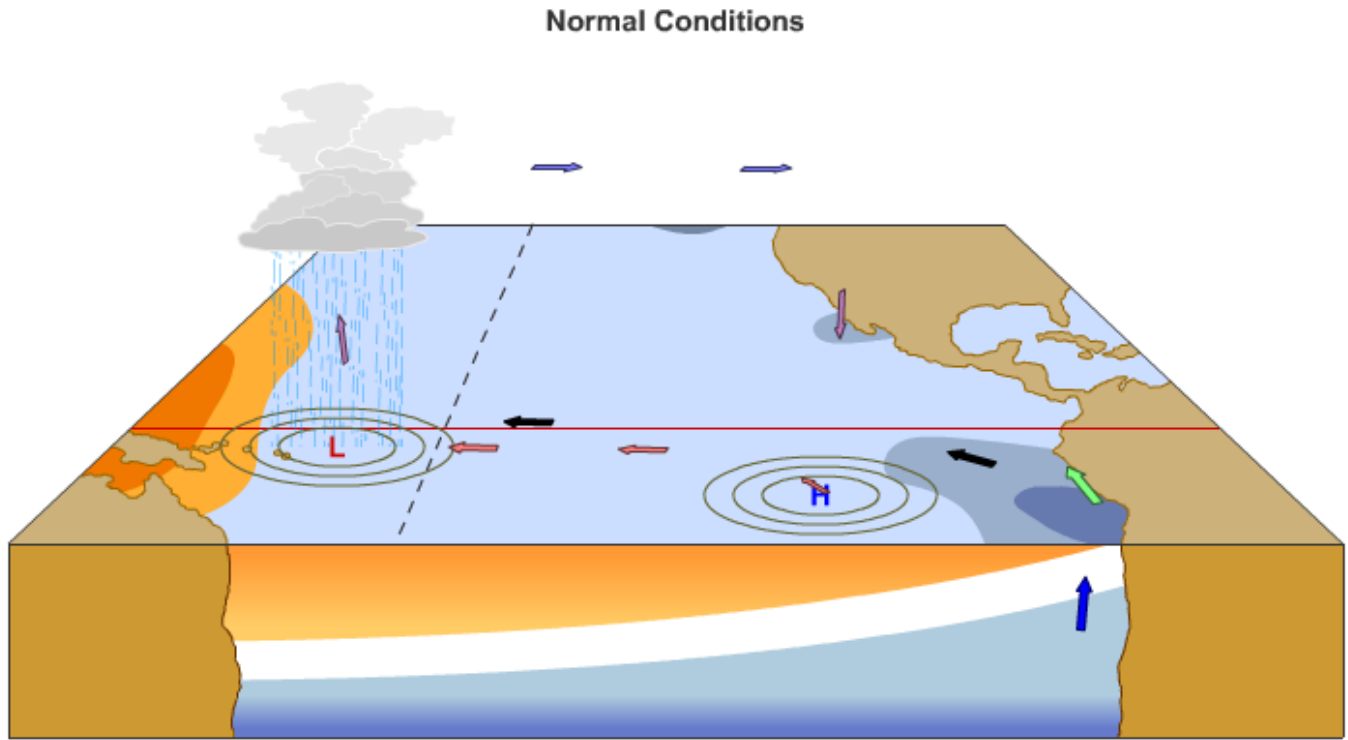


Ocean Circulations

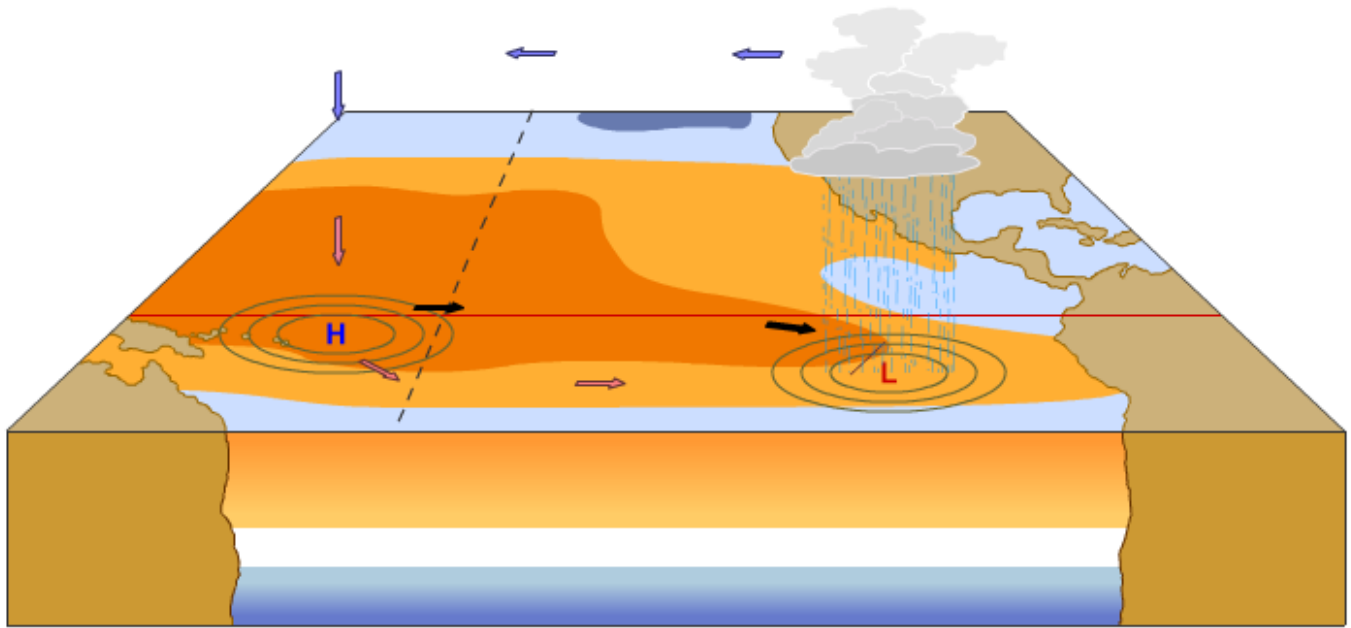
Normal Conditions



Describe the conditions occurring during normal years.

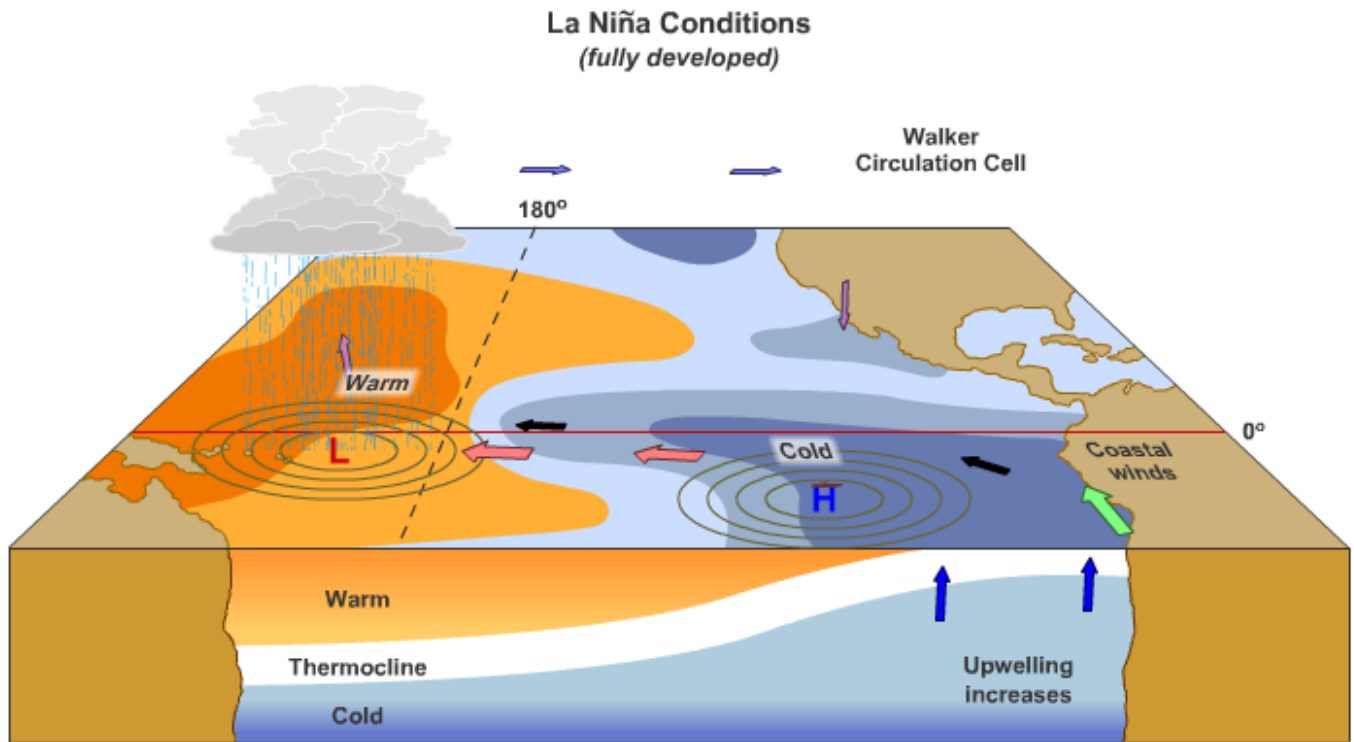
El Nino Conditions

El Niño Conditions



Describe the conditions occurring during El Nino years.

La Nina Conditions



Describe the conditions occurring during La Nina years.

Ocean Currents & El Niño

Sea Surface Conditions

1. Compare sea temperatures and surface topography in the eastern and western equatorial Pacific in normal, non- El Niño conditions.

2. Explain how winds and currents cause these patterns.

3. Now compare sea temperatures and surface topography in the eastern and western equatorial Pacific during an El Niño.

4. Explain how winds and currents might cause these patterns.

Weather

1. What is the "normal" weather around the equatorial Pacific, and how do currents influence this pattern?

2. What is El Niño weather around the equatorial Pacific, and how do currents influence this pattern?

Tracking El Niño

1. What use could this array serve that justifies the time and taxes spent upon it?