

The impact of tidal forces on the El Niño

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There is no doubt that “tidal forces” have an effect on our planet, which ranges from the rise and fall of oceanic tides, brought about by the Sun and the Moon’s gravitational forces, to the minor alterations on the Earth’s axis and orbit. However, the effect of “tidal forces” triggered by the gravitational force of other objects in our solar system is systematically ignored by most researchers.

The seasonal alterations in the tropical system of both atmospheric and oceanic currents are very well known; currents oscillate between North and South and vice versa, following the trace of the Sun on its seasonal shift of terrestrial hemisphere.

This oscillation may increase or decrease depending on whether planetary “tidal forces” are added to the Sun’s well-known gravitational force or not, as the planets’ gravitational force increases and decreases cyclically. These cyclical fluctuations coincide with the main ENSO (El Niño-Southern Oscillation) phenomena observed over the last 50 years, and other historical events.