

Climate Warming Is Natural, Enjoy It.

Ritesh Arya, PhD,

Dr Ritesh Arya is an award winning Geologist who holds Guinness World Record for drilling the highest well in the world. The locals in the high altitude mountain desert regions of Leh, Ladakh, Agling Chushul, Kargil and Siachen in India, next to Himalayas, melted snow to access drinking water, the most basic need of human beings, prior to Dr. Arya's explorations. Today, the water history in this tough terrain is identifiable as before and after Dr. Arya.

A lot has been said and heard about climate change. As a Geologist, I have had the privilege to explore & drill in the trans-Himalayan regions of Leh and Ladakh bound by mighty mountain ranges, the Himalaya and the Karakoram. During my drillings, I have found evidence of Indus Glacier which became extinct 1000s of years ago, much before any industrialization. I realized this was not an isolated incident and many similar examples of glaciers that became extinct long before advent of human industrialization existed across our globe. These findings prompted me to explore deeper and my studies provide evidence that global warming is a natural phenomenon and a part of the natural climate cycle. We should be wary of linking this phenomenon with pollution and polluting technologies without solid scientific data to support the same.



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The Curvilinear C Curve

In 2009 I discovered that the Geomorphologic features of Ladakh in Himalayas are perfectly embedded in the batholiths at an altitude of + 3000 meters. Since these features resemble the **alphabet C**, I called them the "C" curve. I discovered **2 half and 8 complete cycles**. After every four cycles of 1176 years, there is a half cycle of 588 years. These cycles are extremely uniform in thickness and size. The starting and end of alphabet C represents Ice age (less water = less erosion hence protruding structures), while the **curvilinear follows** into warming and warming maxima (more water = more erosion hence depressions), finally entering into the cooling times and culminating into ICE age.

According to this C cycle we are presently in HALF cycle, passing through global warming maxima phase of climate change (which means experiencing more floods in mountains and cyclones in coastal regions). We will experience warming for another 100 years, although the intensity of warming will decrease till 2177 after which the cooling will begin, culminating finally into Little Ice age by 2345.

The last Little Ice age was around 1675 and warming started in 1842, which co incidentally overlaps with the industrial revolution, pollution and polluting technologies, creating all the confusion.

The Hockey Stick Curve

In contrast to my model, a **Hockey stick** curve has been proposed to show the relationship between pollution and temperature increase. This very vocal and visible group holds man made activities, primarily related to pollution by Green House Gasses (GHGs) and CO₂, as the culprits for global warming.

In my opinion this is far from reality. CO₂ is an essential part of our food chain and we require more CO₂ to feed our always increasing population. CO₂ increase along with the rising temperatures is natural. Same is true for GHGs. Certainly the industries and the polluting technologies are increasing the GHGs in our atmosphere. However, there is absolutely no relationship between GHGs increase and temperature rise on a global scale. If we gather all our fossil fuel reserves together and burn them, it can cause pollution, temperature increase and maybe extinction at a local scale. However, it cannot impact the timing and cyclicity of warming and cooling which is clocked on timings established by nature. The temperatures will dip once the cooling phase starts despite the pollution.

Climate Change Is a Geological Phenomenon

Climate change includes cycles of warming and cooling, Water increases in the warming phase whereas water freezes in cooling phase. Cooling phase causes weathering and erosion depositing material *in situ* whereas warming phase acts as a transporting agency transporting all the material eroded and deposited during global cooling times from higher mountain ranges through valleys (floods and rains) into the oceans (cyclones). **Linking manmade activities** (polluting technologies) and climate change (natural cycles of cooling, warming and again cooling) is the wrong strategy to combat the climate change. Climate change is a geological phenomenon hence solutions to combat climate change should also be geological like **building sustainable habitats in geologically favorable locations away from shores and river valleys**. The two phenomenon need to be delinked from each other.

References:

Dr. Arya's bores brought fresh drinking water for the people:

<http://www.theweekendleader.com/Success/2191/divining-at-heights.html#sthash.4lLfQtsz.dpuf>