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**CLIMATE PREDICTION: MODELING AND DETECTION OF PAST PRESENT
AND FUTURE CLIMATE CHANGE BASED ON GEOLOGICAL EVIDENCES**

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“Climate change comprising of global cooling and warming processes operates in nature to assist geological phenomenon of erosion of rocks of the mountains into sediments their transportation and final deposition in the oceans. Precipitation (snow and rain), floods, cyclones and tides assist in completing the process of transportation of sediments which is at times aggravated by earthquake or Tsunami” Ritesh Arya.

Present paper deals with finding of these geological evidences in the form of extinct and receding glaciers coupled with finding evidences of paleoglaciated lakes outburst in the past and most important discovery of very well preserved geomorphological structures resembling ALPHABET C in the batholiths of Ladakh. The alphabet C is carved due to action of cooling warming and again cooling very well preserved in the batholiths of Ladakh. Discovery in uniformity of 10 such cycles clearly show the natural cycles are independent of Manmade or other tectonic volcanic emissions. In fact climate change has nothing to do with GHGs and is just a physical process to balance the nature through its various agents. Mathematical model by the author has shown 1338.4 years for this complete cycle. After every 4 years we have a half cycle and we are in warming phase of half cycle of 669.2 years.

Climate change in nut shell is journey of the rock in the mountains which after its death is broken, grinded churned to finer sediments so that it can be transported to plains by floods through streams and rivers. Further transportation is done by tides, cyclones which engulf and carries those sediments into the wombs of the oceans from where it is further reincarnated into mountain building process giving rebirth to new mountains. Based on all the geological evidences and borewell samples author concludes very firmly that Global warming is the BEST part to be on this planet earth, imagine living in Arctic or Antarctic that is what it is to be living in global cooling times . Enjoy Warming !! Its 100% Natural.

Keywords: Climate change cycles, Geological evidences