

International E-Conference on

GEOLOGICAL AND ENVIRONMENTAL SUSTAINABILITY

December 14-15, 2020 | Virtual Webinar



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Discovery: Reduction in photosynthesis correlation to carbon dioxide increase

Carbon dioxide emissions correlate to 363 ppm and are not the cause of the Atmospheric CO₂ rise since 1957. The correct cause is deforestation of the Amazon Rain-Forest (0.99 by Pearson's regression). Since 1950, the Amazon Rain forest has been deforested. An average of 12 million hectare per year. This deforestation causes a minimum of 30% of the biomass burned. The burning of the biomass is adding billion of tons of carbon dioxide to the atmosphere. The carbon dioxide has overwhelmed the rain forest and caused massive decay. The rain forest has now become an oxygen sink and carbon dioxide producer. Now emitting 10 billion tons of CO₂ annually. Also losing its ability to produce oxygen. To solve these issues the deforestation and burning needs to stop. Then after 10 years, the burning can continue 10% a year for 10 years. This will heal the amazon and bring down atmospheric carbon dioxide quickly by increasing photosynthesis consumption to 100 billion tons annually. Stop non-sustainable deforestation like the Indian and Amazon rain forests. Please native trees and shrubs all over the world. The residence time of atmospheric CO₂ is 150 years. This is why there exists no signature to any recession or other lowering of CO₂ emissions.

Keywords: carbon dioxide increase, carbon dioxide scavenging, Climate Change, rain-forest
Significance Statement: Atmospheric CO₂ has two possible issues. CO₂ emissions are one. We have worked on that and have been flat at 36 billion tons annually since 2014. However the atmospheric CO₂ concentration and residence time are still increasing. The atmospheric tank model is just like a kitchen sink. When the water rises and stays in longer, we know we have a plugged drain. That drain is photosynthesis.

Conclusion: We can never bring down Atmospheric carbon dioxide by working on emissions alone. We need to put even more effort into increased photosynthesis. This will reduce atmospheric carbon dioxide to 330 ppm by year 2031 to 2040.

Recent Publications

1. IJESD 2018 Vol.9(4): 106-109 ISSN:2010-0264 doi: 10.18178/ijesd.2018.9.4.1082
 Discovery of reduction in photosynthesis correlation to carbon dioxide increase.

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Biography:

Dave Is a Chemical Engineer with Masters studies in Statistics, currently working on Climate Change. He has 30 years' experience since graduation in 1984. Promoting responsibility to environment and health of all species. Dave White graduated in Chemical Engineering in 1984. During the time at Oregon State University Dave worked on a cross flow counter current scrubber for coal fired power plants. Additionally took masters level classes on statistics. Then he moved to Hillsboro with his wife and worked in Semiconductors. In 2007 Dave along with Dr. Tom Wallow produced a paper on ARF double patterning for semiconductors. This multi-patterning scheme is widely used in today's semiconductor manufacturing plants. In 2011 Dave started a consulting business for Semiconductors. In 2017 Dave Started Climate Change Truth Research Inc. Dave is seeking the truth about climate change. His research interests are evaporation from the ocean, rain forest destruction effects and diffusion of CO₂ through the atmosphere.