

Acid Rain and its Positive Abilities

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Abstract—Naturally rain also have acidic ph range 5.5 to 5.6 as air have carbon dioxide which when react with water molecules forms carbonic acid and changes rains ph to slightly acidic . But when this ph reduce below 5.2, it is termed as Acid rain. Acid rain or precipitation is formed when primary pollutants like sulphur dioxide and oxides of nitrogen reacts with atmospheric water vapors and forms nitric acid or sulphuric acid which are strong acid. This is very much known that this deposition of acid have a very harmful effect on Human, Animal, building material etc. But can natural hazard like acid rain can be beneficial somehow? Answer is yes.

Acid rain other than being a problematic hazard also has ability to reduce the global carbon emission which is mainly produced via wetland. Wetlands are biggest biogenic source of methane. Acid rain has sulphur in it which has ability to reduce methane production which is a major greenhouse gas.