

## Climate Change: A Personal Observation

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### Introduction

The main source of greenhouse is carbon dioxide which is proven by the scientific experiments too. However, the observed atmospheric greenhouse gas has the following ratio:

Water vapor 36-72%

Carbon dioxide 9-26%

Methane 4-9%

Ozone 3-7%

There is speculation that with time the atmosphere of the Earth kept on altering for millions of years and an intensive water vapor ruled over the atmosphere for considerable duration and contributed towards shaping the present Earth's atmosphere. Evaporation from water bodies both from the Oceanic regions and inland water bodies also played crucial for atmospheric changes. Organisms, whether belonging to flora and fauna also had some roles through transpiration or other biological processes. Over millions of years, a certain balance has stabilized water circulation between the atmosphere and the planet's surface. Precipitation for a specific geographical region with specified volume altogether may impact the present situation. Small atmospheric changes collectively impact the overall climate which requires ample time.

Scorching heat due to the extensive and ever increasing summer seasons leads to higher evaporation and increases cloudiness. Clouds shade the soil and reduce solar radiation and evaporation. If cloudiness decreases radiation increases. The water cycle continues with time and maintains balance which alters seasonally.

Circuit water, provides a certain rhythm and climate comfort. With the prosperity of human civilization, Man destroyed the environmental balance by hampering the flora and fauna populations depending on our need and greed. More than 60% under the arable land, artificial reservoirs, landfills, areas of cities and roads, deforestation, and these areas daily and hourly continues to increase [1]. It is known that one hectare of soil contains 20 tons of underground fowl [2]. The rate of evaporation from this fowl is economical enough for the existence and reproduction. Biota accumulates moisture until the next rainfall. The degraded surface water goes into the ground, entering the aquifers and others which in turn evaporate almost instantly, such as asphalt, dumps or arable land. Even more people produce fumes in municipal and industrial processes which are carried out around the clock and all year round. It is enough to understand that each cup of washed car, every square meter of wet cleaning of property and all the rooms adds to the atmosphere of vapors which is not provided by nature. Numerical data on these issues is not present, but rather we must consider how the ever growing human population can impact on the available ground water and the water cycle. There are data which tells that each relevant industry consumes 200-300 liters of water per day. In particular, for the manufacture of 1 tons of adhesive, 400 m<sup>3</sup> of water is required. Population growth and the expansion of production lead to an increase in water consumption. It is assumed that the artificial evaporation is already much higher than that of the natural and made up of all 99%

of greenhouse gases. Catastrophically, the natural cycle associated to water cycle and organic matters is devastated by the human activities. Water cycle has been disturbed and in turn affecting the natural conditions. Everything in our world is interconnected. Every action has its consequences. Elevated amounts of artificial evaporation from the increased intensity of vapors create increased cloudiness, which obscures the land cover of the solar heating and reduces organic vapors. However, human actions accelerate in evaporating the water continuously, irrespective of any season, summer or winter. The fumes are not being reduced due to the polluted weather conditions. The atmosphere cannot stand, for centuries, in this given mode, and pours precipitation everywhere.

From natural disasters, particularly floods further effect on the natural balance has been witnessed all over the world. Numerous discussion forums and conferences world-wide have led to an agreed conclusion that climate change affects led by an increase of carbon dioxide in the atmosphere. Therefore, the global forums agreed to the decisions which must be adopted without any further delay, such as: Reduction in industrial burning and combustion, development of "green" technologies, creation of alternative energy, spread of organic farming, recycling of water, reclamation of dumps & desert and reforestation. All this efforts will help to curb harmful climate change.

It is mandatory to develop unique and effective strategies for each nation to handle the situation. Climate change is inevitable; the only concern is to align ourselves with nature and not to influence the climatic factors towards further worse conditions. At present, there is an urgent need to return the natural conditions much similar to earlier, be it the soil, biota or restoring the historic water cycle. Strategically, it is necessary to develop a new global concept of redefining our technological growth and we should raise a global concern considering the entire population of the planet's which is responsible for the destruction of the nature. To save the environment for our future generations we must begin now to restore the natural evaporation - the basis of the universe. The measures listed above, needed drastic additions: Immediately stop all the projects and the construction of hydroelectric power plants (HPP) with accumulation of water in the reservoirs, all work involving twisting of the rivers and the laying channel etc. To begin the gradual replacement of hydroelectric power plants on the DAM and draining all artificial water bodies, alternative energy resource is a must require. Urgent measures are needed to deepen the rifts and the bottom of the river as a means of flood prevention, dredging may help if used strategically. Water consumption is the need of the time. Revise all industrial and municipal processes to transfer water consumption in

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Received January 28, 2017; Accepted February 16, 2017; Published February 27, 2017

Citation: Halidullin O (2017) Climate Change: A Personal Observation. Int J Waste Resour 7: 268. doi: [10.4172/2252-5211.1000268](https://doi.org/10.4172/2252-5211.1000268)

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closed cycles. It is necessary to develop new methods of dry-cleaning of surfaces and objects, such as cars, washing asphalt pavements and roads, outside landscaping of buildings and structures. The walls and roofs of buildings and all structures can be covered with vegetation. For example, the gradual transition to underground and underwater construction, starting with the development of ore dressing, smelting, the finished product - all this can be done underground in depleted areas [3]. If it's metal, it shall be made on the surface of the finished metal. There are many commercial areas and the underground places in many major cities which could be utilized efficiently with the harmony of the nature by proper planning. There are real projects on-going considering underwater conditions and underground cities [4]. There are underground greenhouses that are grown to increase the greenery. Of course, all this is not done suddenly or immediately. But in a reasonable scale mankind should gradually understand the issues and align everything according to the natural and environmental requirement. Officials concerned promise to reduce or decrease the fuel combustion - CO<sub>2</sub> reduction but they themselves build new GESy flooding of new areas, turning the river, develop new mines and covered new territory

dumps and landfills and build more and more cities and roads. Nothing is being done to prevent flooding. There are proposals for dredging rivers. It will reduce and even eliminate the flood.

Possibilities are there, where technically we can solve these issues in a large scale, but authorities must take such honest initiatives without considering anything else. We need the will of the leaders of the countries and the efforts of all mankind, if they want to preserve the planet for their descendants. Research and evidence of this hypothesis may be the basis of a number of scientific discoveries. It is urgent to consolidate the world of science in a new direction.

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