

# The Global Climate Catastrophe Forthcomingness

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**Abstract**—The article deals with the main causes of climatic catastrophe. The author insists that a real way out of a difficult situation consists in a radical restructuring of the entire technosphere of the planet - the transfer of artificial human habitat to the principles of nature similarity. It is concluded that only the global ecological revolution can stop the impending climatic death. The defenders of the planet must become both power and authority to save life on earth.

**Keywords**—ecology; warming; climate; nature similarity; carbon dioxide; ecological revolution; ecological consciousness

## I. INTRODUCTION

There is a widespread misperception that the causes of climate changes are not deeply understood. In fact, they are studied quite well, just the conclusions of these studies do not suit those holding the strings of power.

The catastrophe was expected, predicted and takes place in exact accordance with scientists' forecasts right up to the date [1]. A report on global climate changes was published on the WMO.int website of the World Meteorological Organization, in which WMO scientists warned that climate changes had become catastrophic and people would feel this in the coming years.

## II. THE CAUSES OF CLIMATIC CATASTROPHE

Let's summarize briefly the conclusions of experts.

The global warming is the cause of the climate catastrophe. The average annual temperature is increasing steadily, every year it beats old records and sets new ones. 2016 was the hottest - the third year in a row, 2017 and 2018 show even higher temperatures. Global warming is causing the melting of polar ice, and that sets a whole series of climate-changing processes, spinning the "Death Spiral" (The Arctic Ice «Death Spiral»).

Melting polar ice supplies the Atlantic Ocean with large masses of cold fresh water, changing the parameters of the warm Gulf Stream, which carried energy of about one million nuclear power plants to the shores of Europe. Europe is losing "hot water bottle". Flow degradation also disrupts the normal circulation of water-air flows, their mixing, weakens westerly winds. All this provides a sharp change of weather: "climate swings", heavy rains or stagnant heat and hurricanes when the air flow with very different parameters are meeting. In addition, a sharp impetus to warming will

reduce the area of melting polar glaciers, which work as reflectors of the Sun light.

The cause of global warming is atmospheric pollution by greenhouse gases. First of all is by carbon dioxide. The sharp increase in climate anomalies during 2017 was caused by the achievement of a critical value of 400 ppm in the concentration of carbon dioxide in the atmosphere. This led to an increase in the global average planet temperature by 2,0 C. Catastrophic climate change upon reaching the critical pollution threshold was predicted based on the growth dynamics of industrial emissions [2].

The cause of greenhouse gas emissions - the activities of people - factories, power plants, transport. Having created powerful emissions of greenhouse gases, people "made sure" that these gases in the atmosphere will be saved, for which they actively destroy CO<sub>2</sub> absorbants: they burn and cut down forests, poison the oceans with toxic substances and trash, and kill phytoplankton.

The lifetime of CO<sub>2</sub> in the atmosphere for 50% of emissions is about 100 years; for 20% of emissions - more than a thousand years. This means that by pumping carbon dioxide into the atmosphere, we have dispersed global warming for centuries, ensuring a continuous rise in temperature, even if the whole world stops new greenhouse gas emissions at once. However, this scenario is fantastic. People will not stop all power economy, transport, plants, they will prefer to die in the usual comfort.

One of the most dangerous consequences of global warming is the release of methane as a result of permafrost melting. Today there are methane emissions in the tundra with explosions that form craters. As a greenhouse gas, methane is 16 times more efficient than CO<sub>2</sub>, it means that its release to the atmosphere will give a sharp discontinuity in temperature. Global warming causes a change in the geophysical parameters of the planet inevitably, which, in its turn, affects the climate. Thus the "spiral of death" unwinds [3].

So, the source of a global climate catastrophe is a person, or rather, a humanoid biological species "homo brainless", destroying its own habitat. The reason of so disastrous for the nature human activity is the vicious structure of society, which is uncontrolledly ruled by a small group of people who have seized the bulk of resources. They organized the economy according to market capitalist principles, which

require continuous growth of production and consumption, wars, and mass production of weapons. If there were responsible people in power, then there would be emergency meetings of governments and international organizations all around the world working out measures to remedy the situation. The broadcast would be given to an honest scientist who would explain to the public the causes of what is happening and suggest ways of rescue. But instead, pictures of climate horrors quickly flash on TV without comments. Only the shoes of Trump's wife are honored by discussions, who appeared in the area of flooding on high heels. And the main media time is given, as usual, to a silly, lively presenter or a political talk-shows, executing the same hackneyed themes, among which there is no place for the topic of a climate catastrophe [4].

And how do the masters of the universe — the heads of world powers and major corporations, bankers, oligarchs — react to the monstrous climatic catastrophe? In no way [5]. They used not to matter about everything related to the meaning of "nature". They are used not to matter about everything at all, because they are sure of their invulnerability, they are sure that they will sit out any disaster behind the fences of their villas, in bunkers, they are sure that billionth bills will save them. They are not able to understand that they will perish from climate catastrophe on a par with everyone. They are unable to realize that the basic principle of geopolitics has changed and today the main problem is not how to carve-up earthly wealth, but how to survive on a dying planet.

Those who speak honestly about global warming caused by anthropogenic greenhouse gas emissions are hated by the authorities, the liberals, many scientists cared for by the authorities, and a significant part of the public. They can't get to the power structures and the media. Why? Because they, in essence, deny the existing world order: the power of the raw oligarchs, the economy of growth, the society of universal consumption. They argue that this is a direct way to the death of mankind. With arguments in their hands, they say: until the vicious modern civilization that kills nature will not be replaced by a new civilization of natural conformity, the climate on the planet will deteriorate, approaching to the parameters incompatible with life. A new civilization must be natural, based on the conformity of all aspects of human life with the laws of nature [6].

### III. THE WEATHER AS A PAYOFF

It is naive to think that by killing nature, a person will not receive a backstroke. But the majority of people are firmly convinced that their environmental problems do not concern them. The concept of "ecology" does not simply exist in their lives. Most of people have everyday consciousness. They are not interested in theoretical problems. They are brought into the world and only want to survive here and now. In addition, a significant part of people tend to believe not scientists, but "honest" liberal journalists, like the narrow-minded Latynina, who offers them an emotionally comfortable little idea. Everything is normal, people do not influence nature, sleep well [7]. Under these false tales, one can safely lie on the couch in front of the TV and watch football or Eurovision.

And environmentalists are disturbing, they demand to reduce sharply the industrial production, the population, and to eliminate garbage areas, such as the production of weapons, luxury goods, and disposable plastic goods. They are either overlooked or hated. People do not see the disastrous role of the oligarchy, they do not understand the fact, that if one is not fighting evil, he only helps it.

Over the centuries of existence, the oligarchic power has so strongly fool society by destroying or dropping intelligent people into the social bottom and taking control on the rest of the people that people have become obedient, stupid biomass. In order to have high profits, they infected masses with their illness - a passion for hoarding, a thirst for money. They hammered into the consciousness of billions of people the thought that wealth, the consumption of wealth is the main goal of life. As a result, by the end of the 20th century, environmentalists, having calculated the level of human consumption of earthly reserves, have to introduce the term "Day of Ecological Debt": it is defined by the research organization Global Footprint Network (GFN).

This "Day" comes when the amount of used resources exceeds the amount that the Earth is able to recover in a year. In particular, people emit more carbon dioxide into the atmosphere than the oceans and forests can absorb, and therefore from year to year we still "get into debt", spending the resources of the next year. If in 1987 the Day of Ecological Debt was December 19, then in 2017 this day fell on August 2. If the situation does not change, then by 2030 mankind will need two Earths already [8].

A climatic catastrophe will kill us if we fail to curb our greed. So, the first and main task of everyone who wants to survive is to change the mentality, the system of values, stop considering wealth as a goal of life, squeeze their needs to a minimum, put the preservation of the planet in the center of interests of each person.

In a normal society, ecological consciousness is the basis of the foundations, because the Earth is the main value for all living [9]. But for the current person, crippled by bad education, deceitful media, primitive show business, ideology of egoism and tolerance, the "ecological floor" in the consciousness will have to be built. It will not be easy, because education, science, the media are in the hands of the authorities.

People will have to understand that climatic catastrophe threatens everyone, that saturating the atmosphere with carbon dioxide, riding on their favorite cars, is extremely dangerous, because besides climate change it also entails a health hazard.

Despite the fact that CO<sub>2</sub> is a non-toxic gas, an increase in its concentration in the atmospheric air above the critical value threatens not only a climatic catastrophe, but also a mass extinction of people caused by diseases which in its turn are caused by changes in the chemical composition of the environment. Scientist D.S. Robertson believes that under the influence of carbon dioxide, which concentration in the atmosphere is above 426 ppm, blood acidification occurs due to the formation of carbonic acid H<sub>2</sub>CO<sub>3</sub>.

Physicians call this phenomenon acidosis. Symptoms of the initial degree of acidosis are the following: a state of overexcitation and moderate hypertension. Further, drowsiness and anxiety are added to them and, as a result, a decrease in the desire to be physically active. There is a possibility that when the concentration of carbon dioxide in the atmosphere reaches 426 ppm, and this, taking into account the dynamics of emissions, it may happen soon, the health of a large part of the world's population will sharply break down [10].

A mass spread of diseases associated with the accumulation of pathogenic biominerals in various human organs will start, as the physiological systems of the body will try to remove excess acid from the blood, trying to restore its acid-alkaline balance. It has been established that this occurs by calcification, the binding of an acid by  $\text{Ca}^{2+}$  ions with the formation of insoluble compounds that accumulate in the human body without the possibility of their elimination.

The products of calcification — carbonates can settle in the prostate gland, in the gallbladder and bile ducts, in the pancreas, on the teeth, in the lungs, in the respiratory and nasal passages, in the muscles, in the lens of the eye, in the blood vessels and on the heart valve and even in the brain [11].

Due to an excess of carbonates in the human body, diseases such as urolithiasis, acute pancreatitis, mechanical hepatitis, pulmonary fibrosis, heart attack and apopleptic attack will become pandemic, affecting people already at a young age, which will lead to increased mortality among the population of Earth. In addition, the  $\text{Ca}^{2+}$  ions involved in calcification are washed out of the bones, which makes the normal growth and development of the child's body extremely difficult, and is fraught with multiple fractures due to progressive osteoporosis in adulthood. The pollution of the planetary atmosphere, all of humanity will sooner or later face both the impossibility of reproducing healthy offspring and the early death of people who grew up in conditions of subcritical concentrations of greenhouse gases.

Scientists have already proposed a real idea: a radical restructuring of the entire planet technosphere - the transfer of artificial human habitat to the principles of nature similarity. At the same time, the realization of the main biospheric principle of environment formation - closure of the cycles of the substance circulation with constant renewal of food resources and waste disposal, will create optimal conditions for people to live by regulating climatic and chemical factors inside the residential and production parts of the future technosphere [12].

#### IV. CONCLUSION

So, it is only one way to stop the climate catastrophe: to eliminate the uncontrolled unlimited power of a small group of unreasonable people - oligarchic clans and transfer power to sane people – the defenders of the Earth.

The people of the Earth have to connect if they want to survive. The most effective form of unification is the

international mass horizontal networks of Earth defenders. Networks should be one rank, where all participants are equal. No head can digest the current amount of information. The chief, the leader, the monarch, the president — all these concepts recede into the past. The passage to eco-civilization is a complex and multifactorial task and only collective intelligence can solve it. Therefore, interaction is important. Hackers are also extremely important, for there is a need in non-standard, breakthrough solutions [13].

Horizontal networks, having gained a certain size and volume of circulating information, can begin to compete with vertical networks of power, increasing their influence on society. Having gained power, they will be able to create international authority that determines the policies of the states of the whole world. In fact, we are talking about the necessity of the world ecological revolution.

There is no doubt that such a revolution will soon take place, since humanity has no choice. The ecological revolution is a matter of the near future, but the struggle to save the planet Earth must be intensified today. To this end, it is proposed to create urgently an international public Committee to Save the Planet (CSP) at the UN with the functions of monitoring the state of the earth's climate, as well as the powers to block large economic, production and financial projects that are potentially dangerous for the human-planet system. The CSP could include independent highly qualified scientists of various specialties, public figures and experts from different countries.

It is possible to stop the impending climate death only by tough, mobilization, global moves. Moreover, the timing of the end is close. And one more, the defenders of the planet must become power and authority to save life on earth.

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