



THREATS POSING A DANGER TO CIVILIZATION AND HUMANITY

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Article history:	Abstract:
Received: 17 th March 2021 Accepted: 3 th April 2021 Published: 16 th April 2021	This article examines the dangers that threaten civilization and humanity at the present stage. As you know, the threats that pose a threat to civilization and humanity tend to grow and in this regard, the study of this problem in the modern world is becoming more and more problematic. This problem is common for our civilization and for all humankind, since this problem is universal in nature and in our time, it acquires special significance, and becomes very urgent.

Keywords: Analysis of the problems of dangers that threaten civilization and humanity at the present stage, potential dangers that threaten all of humanity and the entire civilization

INTRODUCTION

Nowadays, according to estimates of domestic and foreign analysts, it is becoming a heyday of dangers and threats of a complex nature. The development trend of the modern world shows that an increase in the number of natural and technogenic emergencies, criminal actions is possible in the near future. Threats from global problems are common to all countries.

As you know, the urban environment is an important component of the engine of progress, but at the same time, it exposes the environment to severe trials, which poses a potential danger to human existence. Being places of concentration of industry, energy, automobile park, urban population are sources of anthropogenic pollution of the atmosphere, hydrosphere, biosphere, surface and ground waters, soil, rivers, lakes and oceans. They can be likened to volcanoes, spewing out a huge amount of gaseous, liquid and solid substances. All this determines the high likelihood of all kinds of dangers that pose an increased danger to the health of the population of the entire globe. Of all the threats to civilization and humanity, the greatest danger is war. Scientists have calculated that over the past 6 thousand years, people have experienced 14,513 wars, in which 3,640 million people died. Think about this terrible figure: in fact, half of the planet's population was destroyed (now more than 7 billion people live on Earth). Awareness of such a terrible danger shocked the peoples, made them open their eyes to global threats that pose a potential threat to all humankind and all civilization. The impetus for the full awareness of this danger to civilization and humanity was the study of the consequences of a possible application manufactured in the 50-60s. Last century nuclear weapons. Suddenly, it turned out that this weapon poses a threat not only to the enemy, but also to the entire civilization and humanity, as well as to the entire environment. Even during the experimental detonation of the first atomic bomb at the US test site in Los Alamos in 1945, the leading physicists of the entire Western world gathered there suddenly realized:

They are not sure whether the nuclear chain reaction of the bomb will cover the substance of the entire planet. Will the explosion not turn our Earth into the second star of the solar system? Later, while conducting research on the effectiveness of nuclear weapons on the enemy, scientists - again unexpectedly for themselves and their political and military customers - found that even a "limited" nuclear war would mean either the disappearance of the human race or its degradation to a level below prehistoric levels.

One of the dangers threatening modern civilization and humanity is an ecological catastrophe with its many components, including a change in the global climate and depletion of the ozone layer. They also include the problems of war and peace, the problems of natural disasters and technological security, the problems of energy, poverty, employment, food shortages, interethnic confrontation, religious intolerance, organized crime, terrorism, information security, health care, genetic security, drug addiction, degradation of spiritual moral sphere, etc.

A great threat to humanity and civilization at the present stage is the accelerated growth of the Earth's population. Throughout its history, the population of the Earth has been increasing at an increasingly accelerated rate. If in the 1st century. n. e. it was 300 million people, then in 1965 it reached 3 billion 280 million people. In just 30 years (!), by 1995, there were already more than 5 billion earthlings. By 2000, it amounted to about 6 billion people, and by 2025, it could reach 12 billion. The reasons for the accelerated growth of the world's population are

many factors, including the success of world medicine, which ensured a decrease in child mortality and an increase in life expectancy, as well as the fear of depopulation and loss of competitiveness of a nation or state in the event of a population decline

SYSTEM VALUE

This article focuses on what threats pose the greatest danger to civilization and humanity at the present stage. In addition, the questions of the literary review were investigated, followed by an explanation of the methodology of the problem under study, and conclusions to this topic were given.

LITERARY RESEARCH

The development trend of the modern world shows that soon it is possible to increase natural and manufactured emergencies, the number of criminal actions. Threats caused by the presence of global problems that threaten civilization and humanity at the present stage are characteristic of all countries. The world community faces a number of problems and dangers that threaten the existence of humankind and civilization. This is, first of all, a demographic problem generated by overpopulation, migration, aging and is one of the root causes of a number of other global dangers.

As noted in the report of the UN Secretary General Kofi Annan [1], at the 55th session of the UN General Assembly it was about the truly critical problems of the existence of the human race in the era of the greatest scientific and technological achievements, the contrast of which is the deepening gap between poor and rich countries, as well as the lack of ideas about the inevitable harmful consequences of this progress, first of all, the predatory human activity in relation to nature. All this has created a serious threat to humanity and civilization, which requires immediate joint action by the entire world community, designed to dispel the shadow of a new Atlantis that is hanging over the world.

AT Altunin [2] believes that in modern conditions, when there is rampant terrorism, various kinds of military conflicts arise almost continuously, undeclared wars are waged, during which strikes are struck at potentially dangerous objects, the number and scale of natural emergencies increase. Moreover, techno genic character. In the conditions experienced by the country of difficulties, limited resources, there is a need to create a unified system that implements uniform organizational and methodological principles for protecting the population and territories from natural and man-made emergencies, as well as dangers arising from the conduct of hostilities or as a result of these actions, which will allow, on the one hand, to reduce the cost of maintaining the system, and on the other hand, to raise the potential of the combined system to a higher level.

Of all kinds of dangers, the greatest threat to the world community is represented by the asteroid hazard. According to the participants of the international conference "Asteroid Hazard-96" [3], the collision of the Earth with objects such as the Tunguska meteorite is possible once every hundred years. If a meteorite of this size hits densely populated areas of the Earth, millions of people can die simultaneously, and given the saturation of some regions with chemical plants and the presence of nuclear power plants in them, there is a high probability of a global catastrophe. There is a scientific assumption that a collision of the Earth with an asteroid 500 meters in size or more will immediately lead to a global catastrophe and the destruction of life on Earth. The possibility of a collision with such an asteroid was estimated at a level no more than one in hundreds of thousands of years. However, at what point in this period can this happen? On May 19, 1996, at a distance of only 450 thousand kilometers from our planet, an asteroid flew by from 300 to 500 kilometers at a speed of 20 km / sec. The collision would result in an explosion equivalent to the explosion of about 3,000 megaton nuclear bombs. Fortunately, Earth was several hours late for the meeting point. On May 25 of the same year, the second space alien, 1.5 km in size, flew three million kilometers from us. Two encounters with large asteroids in one week! For the first time, earthly civilization encountered such dangerous phenomena.

According to [4], one of the most underestimated threats to civilization and any society is ignorance: both unconscious and conscious, combined with passivity and laziness. It is the "cult of ignorance" that is the reason that in the 21st century there are religious fundamentalists, racists, people who worship the authorities and demonize all those who do not do this. It is because of widespread ignorance that people are everywhere who deny global warming and exploit others for personal super-profit. In "well-fed years", ignorance grows, and the importance and necessity of education become less obvious. The younger generation, taking advantage of the system that was built by their ancestors, gradually forgets about its purpose. In the end, incompetent people gain power with the support of the majority, thereby endangering the foundations of the system itself.

According to the source [5], one of the dangers posing a threat to the existence of humankind and civilization is natural disasters. Natural disasters lead to human casualties and colossal losses, the size of which depends not only on the intensity of the disasters themselves, but also on the level of development of society and its political structure. There is an increase in the number of natural disasters. It is statistically calculated that in general on Earth over the past 100 years the number of human victims from natural disasters averaged 16 thousand annually. As a rule, natural disasters occur suddenly, completely devastate vast territories, because great damage to homes, property, communications and power supplies. For example, the destructive force of an earthquake causes massive casualties, which in turn can lead to hunger and the spread of dangerous infectious diseases. It happened that natural disasters led to significant political changes, such as the formation of the state of Bangladesh.

More than 50 years ago, the Russian academician V. Legasov [6] made a scientific forecast: if nuclear power plants continue to release Krypton-85 gas, then by 2000 the electrical conductivity of the earth's atmosphere will change, as a result, by 2010, the number of thunderstorms, hurricanes, typhoons and other natural disasters will increase so much that it will be a disaster for the entire civilization and humanity. This did not happen on the scale predicted by the forecasters, because the disasters in Three Mile Island (Pennsylvania) and Chernobyl (Ukraine) forced humanity to dramatically slow down the development of nuclear energy, and by the end of the 20th century, not 2,000 reactors were built on the planet, but in five times less. Nevertheless, we see a picture very similar to the dire prediction. Moreover, this is a very objective picture, which is more accurate than scientific data: every year all over the world, damage from natural disasters is growing, which insurance companies have to compensate. In addition, the scale of this damage is growing at about the rate predicted by scientists under the leadership of Academician Valery Legasov. By the way, all major emergencies of recent years are convincing evidence of the above: more floods that are frequent, landslides, volcanic eruptions, mudflows, hurricanes, tsunamis, storms, snow and dust storms, and other hazards.

All these dangers are the result of a collision of a person with an artificial environment, which he created for his safety and comfort. The artificial environment threatens civilization and humanity not with a volcanic eruption, but with a fire at a chemical plant and an explosion at a nuclear power plant, not a hurricane, but a collision of trains, an increase in the number of accidents and aircraft crashes. The built environment around us is as dangerous and unpredictable as the natural environment. A huge city is just as hostile to staff as a virgin forest, only people here die not from the teeth of a tiger and other predators, but under the wheels of a car, fall not into swamp pools, but into sewer manholes, are poisoned not by poisonous plants, but by dangerous poisonous substances etc

METHODOLOGY

Modern man lives in a world of dangers - natural, technical, ecological, etc. Dangers often interact with each other and thus often exacerbate the consequences. The number of accidents, fires and disasters is growing in the world. Many more people die in them than in production. According to the World Health Organization (WHO), the incidence of neurosis is growing in the world. There are more than 500 million people with disabilities in the world; one in five became them as a result of an accident. Disasters are often international in nature. For example, an accident at the Union Carbide plant, built by England in India, in 1984 killed more than 3,000 people. Accidents with oil tankers are catastrophic for the coasts of many countries, the disaster at the Chernobyl nuclear power plant has affected almost most countries in the world.

It should be noted that, unlike developing countries, developed countries strive to ensure stability in the world by strengthening their dominant position and degrading an underprivileged minority. Currently, they use mostly non-military methods and means. Among them, gaining access to the natural resources of underdeveloped countries on a contractual basis:

- The formation of an obedient comprador mafia - bureaucratic elite there;
- reduction of the population of underprivileged countries by 2-2.5 times due to latent genocide (expensive medical care and medicines, imposition of alcohol, tobacco, drugs, destruction of families, unleashing of armed conflicts, etc.);
- Spiritual and moral enslavement through the media, pseudo-culture and informational and psychological pressure. For the same purposes, the world information system "Internet" can be used, in particular, a new disease has already appeared - "Internet addiction".

The aforementioned threats can be viewed as information weapons — one of the types of threats posed to civilization and humanity. The struggle for the possibility of sole control of information flows is becoming one of the main threats at the global level. This danger is largely predetermined by the properties of the human psyche and the ability to control it with the help of informational means of influence. Propaganda, implanting the elimination of inspiring ideas and confidence in the future, leading to spiritual degradation and immorality, leads to a pathological revival of the biological and physiological inclinations of people inherent in genes in the early stages of human development.

According to experts in the XXI century, the aggravation of the problems of terrorism is expected. They consist in the fact that in the world there is a widespread phenomenon in which organized communities and groups, as well as loners, try to achieve their social, political or economic goals using threats and violence. In modern conditions, terrorism is the most dangerous type of political extremism, which results in human casualties, human suffering, economic damage, destabilization and intimidation of society.

Recently, people have increasingly become concerned about the cause of the death of humanity as a result of global epidemics and pandemics. Evidence of this is the large number of deaths from bird flu, which began in Asia and spread around the world rather quickly. It is also worth remembering about SARS in 2003. Paradoxically, but technical progress, in particular the global transport system, has caused the rapid spread of diseases around the world and the death of millions of people. If people cannot cope with such infectious diseases, then the planet's population may decline dramatically.

Perhaps the greatest medical threat to civilization and humanity at the present stage should be called COVID-19 - a pandemic spreading around the world with the speed, if not an explosive, then a fiery wave. A fire called COVID-19 is raging over our planet, and each individual person and the human population as a whole are a combustible material for it. Can a fire be extinguished? Will civilization not perish - now not in the all-consuming fire

of a nuclear war, but from a small, but vicious virus, so far uncontrollable? Before COVID-19, humanity felt completely defenseless, as in the face of an unfamiliar and amazingly insidious enemy. For this reason, another pandemic has spread on Earth - the pandemic of fear. The spread of the COVID-19 virus began in the Chinese city of Wuhan. In December 2019, there was a powerful outbreak of this disease. Today, 115,173,954 cases of COVID-19 coronavirus in 193 countries have been officially recorded in the world. Now, 47,505,050 people are sick with coronavirus infection in the active phase. The total number of deaths from the coronavirus is 2,559,254. The mortality rate of coronavirus in the world now is 2.22%. It is possible that in the near future new, currently unknown diseases will appear. Protecting health and combating the most dangerous diseases is one of the global tasks of humankind, since it is central to the preservation of life on Earth.

CONCLUSION

At present, the situation on the planet has changed dramatically: the dangers from the vital activity of humankind suddenly acquired a completely unprecedented previously global character. At the same time, not only civilization and humanity are in danger, but also the environment, nature, Life itself on Earth. A new phase has begun in the development of civilization, in which the first and main goal of people should become not so much the satisfaction of constantly growing material needs, as it has always been until now, but the comprehensive provision of the safety of their life. It should be noted that the whole world is marking time, not knowing what to do with the dangers that arise, as if by magic, one after another. The global problems facing humanity and still unresolved today pose significant threats to the security of civilization and humanity.

At the present stage of human development, it is, perhaps, faced with the most pressing problem - how to preserve nature and civilization, since no one knows when and in what form this or that danger can occur. For thousands of years, a person lived, worked, developed, but he did not even suspect that perhaps the day would come when it would become difficult, if not impossible, to breathe clean air, drink clean water, grow anything on earth, since the air is polluted, the water is poisoned, the soil is contaminated with radiation or other chemicals. All this constitutes a real threat to the entire civilization. In addition, what can be the conclusion? Another Three Mile Island, Chernobyl or Fukushima, or even worse. So maybe we should think about it? Each person should realize that the entire civilization is on the brink of destruction, and whether we survive or not is the merit of each of us. There is no doubt that the inventive human mind will eventually find a solution to these problems.

In conclusion, I would like to note that the main part of the dangers and threats that pose a threat to civilization and humanity does not find effective solutions. They sometimes reach a critical state and are accompanied by various kinds of disasters. As a result, there is a threat of emergence of dangerous situations of various nature and scale, which can lead to destabilization of the conditions for the existence of the entire civilization and the human race.

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