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PROACTIVE WAYS TO STRUGGLE WITH GLOBAL WARMING

As humanity uses more and more energy in its daily activities, it converts it from active forms to thermal ones, polluting the environment with heat and increasing the average global temperature [4]. Both active and passive measures are used to address the problem of global warming, but most often it is a matter of reducing energy consumption and switching to energy-saving technologies. Such options are reminiscent of the «technology of combating food shortages» by reducing its consumption. In essence, the problem is not to reduce the amount of energy consumed, but to maintain a constant temperature, which is possible in the balance of incoming energy and energy released into outer space [2, p. 426-428]. Therefore, as the supply of energy increases, it is necessary to consider options for its transmission into space. One solution is suggested by nature itself. In a calm atmosphere, heat is transferred by diffusion, and it takes a certain amount of time for

it to be transported from the Earth's surface to the outer layers of the atmosphere [1]. In this case, the temperature of the flow gradually decreases, and the amount of heat is radiated in proportion to the temperature in the fourth stage.

In order to cool the water in the glass faster, we stir it and make it turbulent. The temperature of the outer layers of water gradually increases and they begin to give off their heat. Increasing the power and frequency of the formation of such natural structures as hurricanes, typhoons, and cyclones allows us to move the atmosphere quickly and on a large scale and release excess heat into space [3, p. 3-5]. But this purely natural process, as recent studies have shown, is not enough to maintain the heat balance and is also associated with devastating consequences for human life.

As a result of the analysis of the current situation, it is proposed to «correct and enhance» natural processes to solve the problem of «global warming». One of the active means may be the installation of super-powerful fans in deserts that would generate and direct overheated air into the high atmosphere with the formation of vortex structures to both dissipate heat and draw in more humid air from the seas and oceans, and form clouds that would reflect part of the sun's rays into space. The eco-fans will be powered by solar energy, which will also reduce the temperature of the desert.

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