



Climate and Toilet

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A lot has been written and said about saving water. However, no results are foreseen. Because we are accustomed to water as a working reagent and do not understand its meaning in the mechanism of climate formation. Water is the unsolved mystery of nature, the source of life on Earth, participates in the vital activity of all things. It is water that has combined with biota and oxygen and has historically created a favorable climate. The true cause of climate change is the destruction of the structure of water and its circulation between the atmosphere and the soil. Read more at: <https://actascientific.com/ASMI/pdf/ASMI-02-0195.pdf>.

If we want to save the lives of our descendants and nature itself, we need a change in our attitude towards water, which will require a change in our entire lifestyle. Only total water savings at all levels, in all sectors, by all countries, may still stop the looming catastrophe. Not just good wishes and appeal to conscience, economy, but a real reduction in water consumption for all types of human activity.

<http://www.meta.kz/490326-nesmotrja-na-neuklonnyjj-rost-osadkov-v-mire.html>:

According to the UN report, 75 percent of river flow is already being withdrawn for various needs. In this case, it is the rivers whose annual resources amount to 47 thousand cubic meters. km, remain the main source of fresh water.

All seized water is devoid of natural functions and, after use, evaporates without changing the structure.

In fact, water should be used only for drinking. Nature does not provide for boiling, washing, watering, storage in reservoirs.

We will not be able to immediately abandon the comfort of using water in everyday life and in production. A gradual real transition to real water saving can be decided by the volitional actions of the authorities of all countries.

One of the essential elements of this is a total ban on the manufacture of existing plumbing. All it is created for the maximum consumption of water. The inventors and designers should be given the task of creating a radically new plumbing equipment with a reduction in the destruction of water for each type of user, each sanitary device from the tap in the kitchen to the toilet and bathtub.

For example, it is considered normal, clean drinking water to flush the sewage from the toilet? In case of emergency shutdown of the water supply network, schools, kindergartens are usually closed throughout the city, public institutions. The main reason for this failure in the flush of toilets.

Known devices, when the same water is used many times. In a septic tank, with some sediment, water is stratified by consistency in layers. There is a layer, somewhere closer to the surface, which does not contain solid inclusions. From it, you can take a clear liquid and return it back for flushing, completely disconnecting the flushing tank from the water supply network. The cycle of flush water can be infinite. The water level in the septic tank is continuously replenished from sinks, washing machines, shower.

In individual homes it is a septic tank. In apartment buildings, a special floor trap unit is created. The laying of sewer pipes is accompanied by a pipeline and a device that returns the separated liquid back for flushing. It is this process that takes place in the toilets of airliners. There, flushing occurs without a flushing tank, a chemical reagent is added to eliminate odor. This experience should be used in all toilets of all houses, hotels, public buildings.

Water for flushing should be used repeatedly. And the feces should not roll through the entire city in order to gather and stand in the vast septic tanks.

No less costly in water consumption is taking a shower or bath, as well as washing over the sink. First, to heat the water for kilometers from the place of consumption is generally irrational. Pipes during transportation of hot water or steam heat the atmosphere and related devices. Widely known and commercially available flow heaters that heat only the required volume at the required time. Secondly, the well-known methods of washing hands over sinks can also be used with the experience of faucets over sinks in bathrooms of airliners, trains, or faucets with motion sensors.

Saving water is associated with energy savings. For some reason, it is customary to heat water in the summer, starting at 2-5 degrees. C - the temperature of its movement under the ground. Why not at the entrance to the house, do not heat it with solar heating coils? Or it is even easier in the summer to put the water pipes on the outer supports so that on the way, the water warms up with solar heat. In most cases, the water does not need to be heated to 60-90 degrees. With to mix it with cold water when washing.

Purified from chemical elements of detergents, solid inclusions and odor can be used for watering lawns and plants around the house, nearby parks, squares. It must be assumed that all chemical elements of detergents are created for the reliable laundering of dishes, linen, bodies. It may be more rational to change these substances for others that will not create a smell, they will not be able to harm plants and underground living creatures. when watering.

Implement this principle may be different devices depending on the size of the house, the number of living sewage schemes. These are design developments and simple re-equipment of bathrooms.

The use of such simple means may allow the complete elimination of sewage, and hence the grand cleaning stations and extensive septic tanks. Ecology is preserved, and artificial evaporation is reduced. Across all cities, such savings can make a significant contribution to stopping climate change.

This can be done through the volitional efforts of the leaders of all countries producing sanitary products. Just prohibit the production of obsolete equipment and stimulate the launch and manufacture of devices for a new concept.

A good example of mass replacement is the observed transition of all mankind to LED lighting.

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