



Water Circuit - The Basis of the Climate

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The main and main driver of the climate on Earth is the water cycle. Each of the links in this cycle has been improving for millions of years. Considering the links in historical development separately, one can see how they changed with the development of mankind. The common idea that the world's oceans evaporate most of the water is wrong. <https://geographyofrussia.com/iz-4-mlrd-let-geologicheskoy-istorii-zemli-susha-by-la-bezzhiznennoj-34-mlrd-let/>.

It is known "what Plants that have a lot of leaves that evaporate a lot of moisture through the stomata that run along the roots from the soil do the work. The term for this form of evaporation is transpiration. Plants have a massive leaf surface area. The total area of all leaves is 3 to 4 times greater than the whole area of the land, i.e., it is not less than the total area of the World Ocean. As a result, the biota (the whole of all life) on land produces no less evaporation than the ocean, and may perhaps have a greater impact on the cycle than the ocean".

The water cycle has three important constituent properties - the quality of the vapor, the volume of the vapor, and the frequency of the cycle.

Waste excretions from the animal world, from bacteria to elephants, and transpiration of plants have a strictly defined balance in the composition of the vapors from every centimeter of land. The sum of the sets of individual vapor molecules at each moment of time on each land area formed special conditions for the atmospheric mechanism of precipitation formation, distribution and frequency of precipitation. Stability in terms of time and quality of evaporation in each annual season created a strict and regular supply of water to the entire land area according to the needs of the

biota. Thus, various zones of biota existence were formed - tropics, steppes, forests, deserts.

Man has destroyed this balance. He deforested, built cities and highways, and took more than half of the fertile land from nature for arable land, dumps, dumps, reservoirs, and deforestation. Humans are thought to have destroyed 67 percent of the 149,000,000 km² (149 million square kilometres) of all inhabited land [1].

Without physical experience, the simplest logical analysis can replace time-consuming scientific investigation and demonstrate the veracity of the given theory.

On a hot summer day, a gallon of water put upon the asphalt will evaporate in an hour or two. While passing through the food and plant chains of underground and terrestrial living things and plant roots, a bucket of water dropped over the earth will return to the atmosphere in a matter of days to months. And it will come out, with waste from living beings and transpiration of plants, some part will replenish underground streams and carry out the dissolution and transfer of mineral substances. It is necessary to pay attention to the quality of the vapors. The fumes from the asphalt are what was in the bucket - everything went up into the air without changing the structure of the molecules. And what has fallen on the soil is instantly used by living creatures and plants. Each hectare of soil includes 20 tonnes of underground living things [2], each of which participates in a single technical transformation process and strives to postpone the consumption of this moisture until the next rainfall. The water that has entered the organisms and roots of plants, being gradually processed, comes out with a completely different structure, a different speed, a different amount.

On degraded land, precipitation does not find its usual consumers, it loses its natural path and transformations. For example, in an inverted sod of arable land, or in any field fertilized with chemicals and prepared for growing a single plant, all living subsurface organisms died. The natural function of water has disappeared - the most important link in the hydrological cycle. Water, falling out by precipitation, immediately returns back to the atmosphere. Asphalt, active evaporators in various technical activities, turbines in many forms of power plants, drying floors, dishes, and linen without completing natural tasks all emit the same fumes. The release of carbon dioxide is not the only side effect of burning fuel in furnaces and engines. Moisture in the air alters the structure of the fuel during burning. But this is an unnatural action and the moisture in the exhaust is unnatural for nature.

The volumes of such vapors begin to prevail over the vapors from natural consumers. The moisture released by a person, an elephant or a microbe has its own individual structure, it differs from water molecules evaporated from asphalt, a boiling kettle, from a washed spoon or drying clothes.

The quantity, quality, and speed with which water returns to the clouds has changed. Solar radiation has little effect on artificial evaporation. Regardless of the weather, season, or time of day, man continuously converts water to steam. In nature, a novel sedimentation mechanism has emerged. Huge amounts of new vapours - new material in the clouds.

Another raw material in the clouds produces another product: unregulated precipitation, which falls wherever, how much, and when it pleases, with no purpose or reason.

It rains with floods in some parts but doesn't reach others - there's a drought and fires, glaciers aren't getting enough water and are retreating.

Nature cannot provide the masses of water with useful work - the biota has disappeared on 70% of the land. Driving water onto the asphalt, sinks and cooling towers is a useless job, nature did not plan this, this is a movement into emptiness. And nature abhors a vacuum.

Humanity has determined that climate change is the work of its hands, but it has wrongly chosen the main priority - the merciless

exploitation of water and its role in creating the climate.

It should be noted that many of his solutions lead to a reduction in artificial evaporation:

But all these are all partial, isolated and microscopic measures. Social events. It is necessary to develop them into a state, strategic, universal, obligatory, effective, large-scale direction by every country, every person.

It is necessary to develop a global concept, rethink the essence of destruction of natural processes by the entire population of the Earth. To preserve the life of our descendants, it is necessary to begin already now to restore natural evaporation, as the main link in the chain of water circulation. The nearest measures to be added to the listed ones:

- Immediately stop all projects and work on the construction of hydroelectric power plants with the accumulation of water in reservoirs, all work on turning rivers and laying canals. To begin a gradual and unconditional replacement of hydroelectric power plants with damless and alternative energy and drainage of all artificial water areas.
- Drip irrigation, organic farming - alternatives to traditional farming.
- Deepening of river beds as a means of flood prevention.
- Reduction of washes of everything that is washed and dried, there are and, it is necessary to develop new methods of dry cleaning of all objects, for example, cars, washing the surface of roads. Such technologies are known.
- Re-use and recycling of water, collection and use of rainwater from hard floors.
- Underground and underwater construction. Development of ores, beneficiation, smelting, obtaining a finished product - all this can be done underground, in mined-out spaces. All types of production should be gradually transferred underground and under water. Already, a lot of retail space is located at metro stations and underground passages. There are real projects of underwater and underground cities. This is how Japan builds an underwater city. There are underground greenhouses where all kinds of greens are grown all year round.

Outdoor landscaping of buildings and structures. There is experience in growing fruits and vegetables on rooftops and walls. For example: <http://www.novate.ru/blogs/070116/34482/>.

The governments of many countries, the UN, conferences discuss individual particular elements of climate change problems. They promise to reduce or reduce fuel combustion. And they themselves are building new hydroelectric power plants with flooding of huge areas, turning rivers, developing new ore deposits and filling new areas with dumps and dumps and building new cities and roads.

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