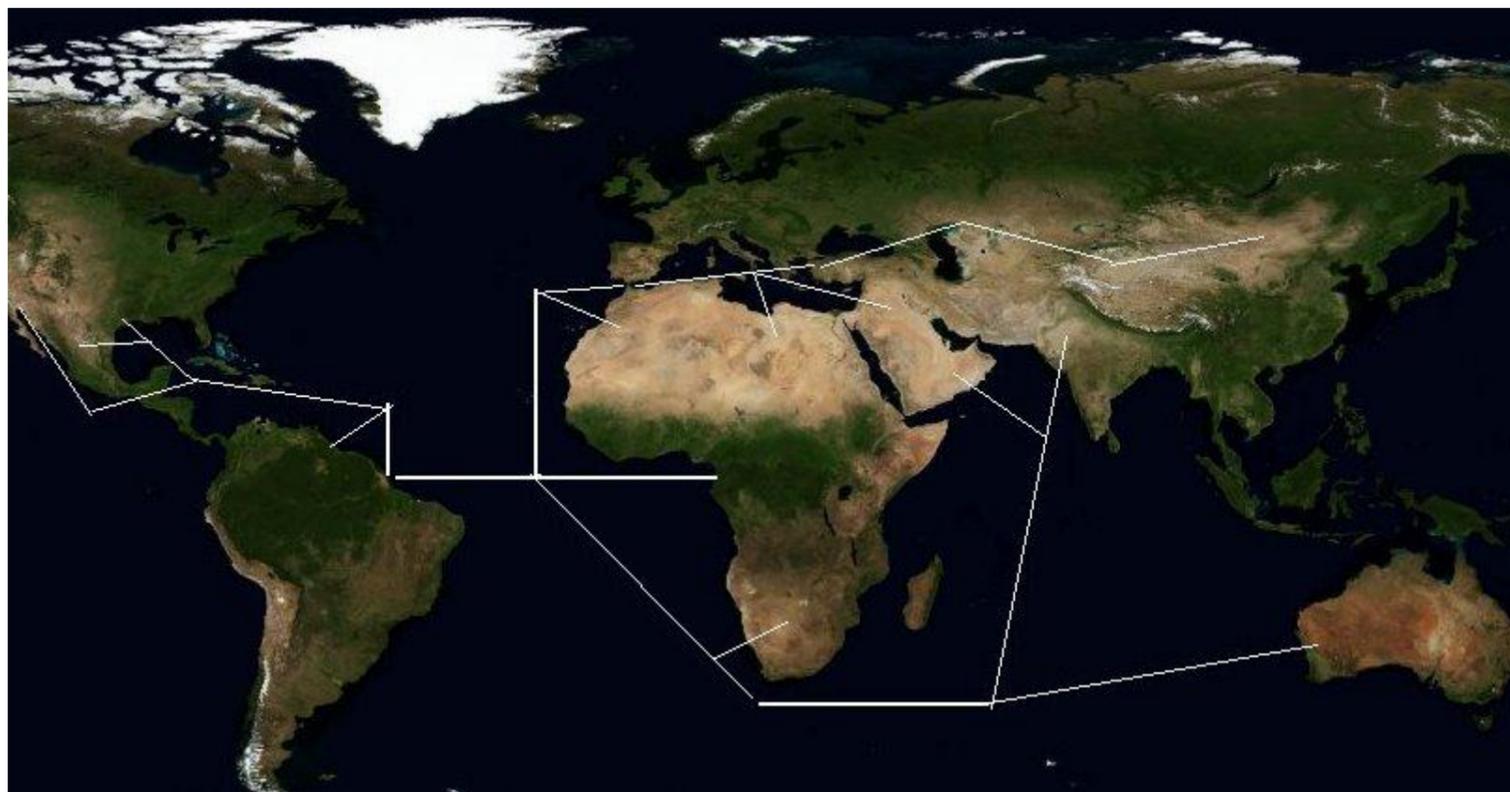


New Ice Age Ahead

In a New NAWAPA Atlantic Water Distribution



**Trans-oceanic river diversion
supplying fresh water to the world**

To break the chokehold of the New Ice Age ahead

The Atlantic Distribution System

At the stage when the local resources become insufficient to meet the national needs, especially when the world is getting drier in the increasingly colder climate, the water resources of the Amazon River will likely become increasingly utilized around the world. This may begin as soon as NAWAPA has demonstrated the process and its potential. It might also begin before this point, as the need for fresh water is increasing around the world.

The original concept of NAWAPA was to divert a portion of the rivers of Alaska and Northern Canada, which flow unused into the oceans, to the southern dry regions to increase the agricultural potential of these regions. The planned flow of water diversion, of 160 million acre feet per year, adds up to 4,000 cubic meters per second. This is deemed large enough to justify the consideration of a 50-year project that is designed to be the largest in the world. However, the flow rate is quite small in comparison with the larger rivers that presently flow into the Atlantic unused. This unused potential is so enormous that with the right infrastructure in place the water needs of the entire Atlantic region, and a part of the Pacific region also, could be supplied on the basis of a major NAWAPA type platform. One might call the resulting network of water transfer arteries the Atlantic Distribution System.

The potential that such a system has is truly enormous. The Amazon, the largest in the world, presently dumps 219,000 cubic meters of water per second (54 times the volume of the entire proposed NAWAPA project) into the Atlantic Ocean, unused. In order to fulfill the NAWAPA concept on a global scale,

implementing continent-wide water enrichment projects all over the world, the Amazon River will most certainly become developed as a global water resource, both for its large out flow rate, and also for its being less affected by the coming return of the Ice Age. The Amazon River promises to be the most ideal fresh-water source that can be created with ease and meet the water requirements of the entire Atlantic region, ending the need for seawater desalination. Even if only a portion of the Amazon outflow that now flows into the Atlantic Ocean, was utilized, all of the water-needs of the Atlantic region would be fully met. The diverted water would then become distributed via a network of submerged 'arteries' of a distribution system that might also include large floating reservoirs placed in suitable locations in the Atlantic.

As needs would increase, additional inflow into the system would be drawn from the outflow of the Congo River (40,000 cm/s), and from the Parana River in Brazil (25,000 cm/s). Spanning most of the Atlantic region, the resulting expanded NAWAPA system would then not only meet the needs of the water-starved regions of the USA, Canada, Mexico, and South America, but would also water the Sahara, Arabia, and other water-starved regions in Africa and Europe, and also Australia.

A similar system, though with lesser capacity, will most likely be build in the Asia Pacific region as well, with the Yangtze River (31,000 cm/s) feeding into it, and the [Brahmaputra River](#) (19,200 cm/s), the Ganges River in India (12,300 cm/s), the Pearl River in China (13,600 cm/s), the [Ayeyarwady River](#) in Myanmar (13,000 cm/s), the Indus River in Pakistan (7,100 cm/s), and other great rivers.

The resulting Atlantic distribution system, and the similar Pacific distribution system, may appears prohibitively large as a concept. In real terms, however, such a system would be easily built, and inexpensively, and rather rapidly, with the use of automated production methods utilizing molten basalt, and automated assembly processes. Basalt is a high grade material that is non-corrosive, light weight, stronger than steel, and is infinitely abundant in surface deposits around the world. It only requires nuclear powered process heat, pumped up to 1,400 degrees, for liquid injection molding, casting, extrusion into fibers and micro-fibers, or for other types of automated processing. The construction period for the entire Atlantic distribution system, made of basalt, once the infrastructures are built, would likely be in the range of a single year or a few years, in comparison with the currently envisioned the 50-year construction period for the tiny north-south NAWAPA project.

This type of water distribution project becomes especially beneficial when the next Ice Age glaciation begins that will likely be accompanied with increasingly dryer climates. We see the beginning of such a trend already, with fresh water shortages erupting thereby all over the world. What today may appear as a pioneering concept might soon turn out to be a critical necessity, especially the delivery of water to the Sahara desert that is bound to become the future living room for many a nation the finds its territory taken over, partially or totally, by the resuming glaciation and the ensuing clod climate, such as Canada, Norway, Russia, Greenland, Iceland, Sweden, Finland, Denmark, Poland, Czechoslovakia, England, Scotland, Ireland, Germany, France. Vast new cities will likely spring up in the Sahara, and those will all require fresh water that civilized living depends on.

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