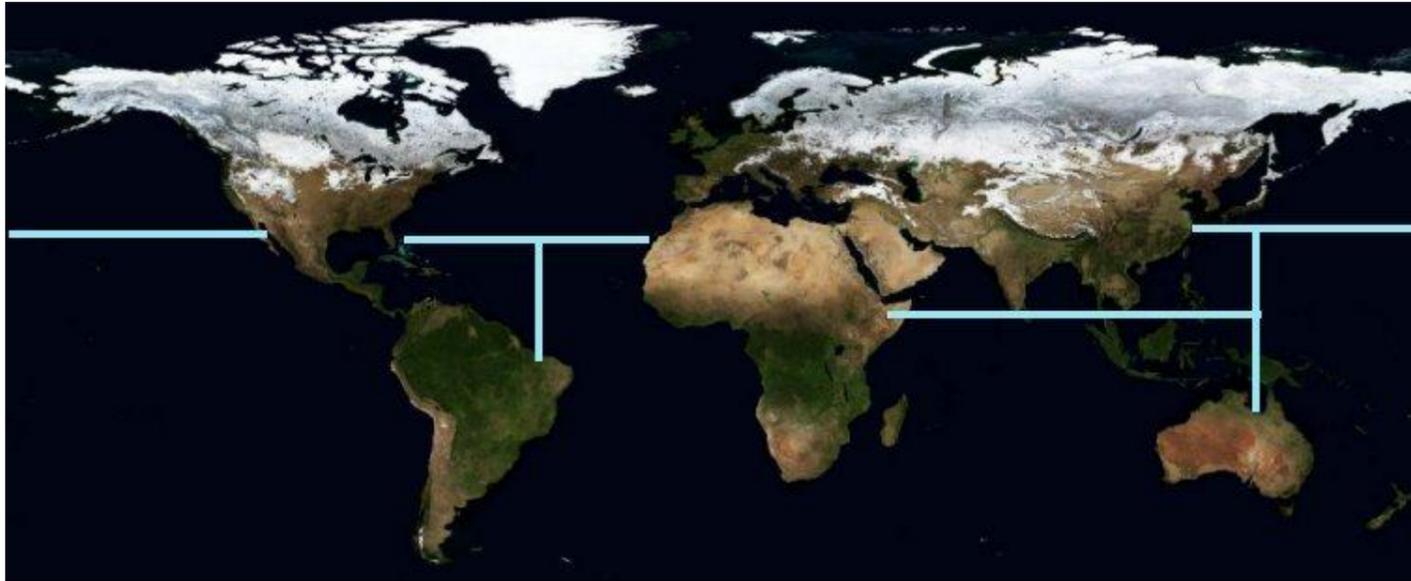


New Ice Age Ahead

NAWAPA tropical agriculture afloat



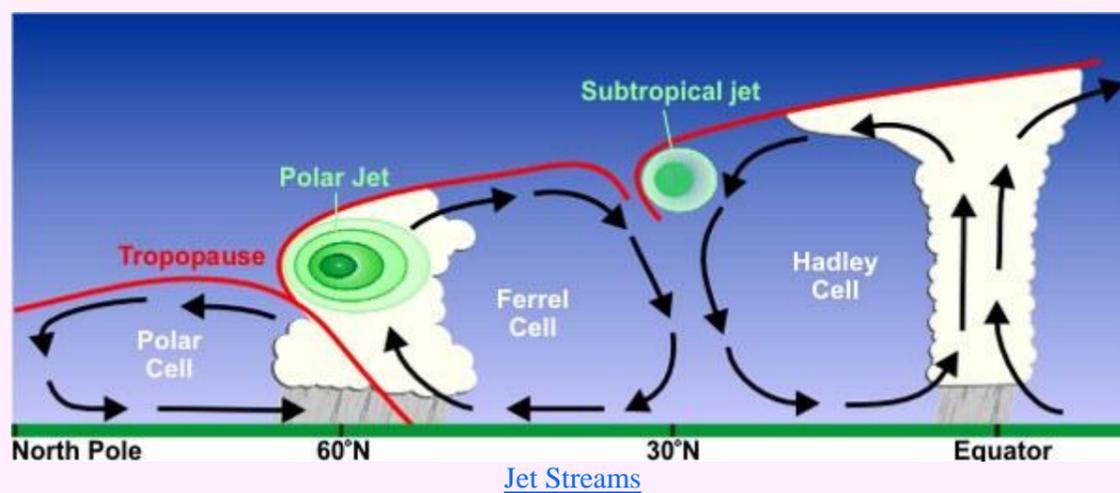
Agriculture afloat on the tropical seas, out of reach of the New Ice Age ahead

Floating tropical agriculture extending south from Floating intercontinental bridges

An efficient option to increase food production in the world, would be to shift agriculture further south into the tropics, onto floating platforms laid onto the oceans, where they would be far out of reach of the return of the Ice Age, and be easily expandable as required.

Right now, more than a billion people are locked into chronic starvation, with an annual casualty rate probably in the range of 100 million. There is absolutely no need for that. The oceans are vast. If the entire global agriculture was put onto floating platforms, the platforms would cover less than 2% of the ocean surface.

Automated basalt processing would enable the creation of large floating platforms of the type that would be able to support agriculture. Furthermore, with such platforms being perfectly level and produced in standard modules, the maintenance of the fields could become extremely mechanized, to the point of becoming nearly automated too. The floating fields themselves, could thereby be located in areas that offer the most ideal climate conditions according to the requirements for the specific crops, ranging all the way to the tropics where the greatest precipitation occurs and also the highest CO₂ concentration that is critical for every type of plant growth.



The floating agriculture, of course, would be serviced from a network of floating bridges spanning the oceans, connecting the continents, both to furnish an efficient global transportation infrastructure, but also to serve as a development infrastructure for ocean related research, ocean related industries, and of course, ocean-based farming, and so on.

It is generally assumed that the building of floating bridges across the oceans, including the wave damping infrastructures, is way out of mankind's reach of the achievable. However, this kind of perception is based on the current high cost and limited availability of materials and energy resources and the near total lack of large-scale automated production. Once these factors are pushed out of the way the intercontinental bridges become almost self-building. The speed with which they are built, then becomes a question of the size of the production infrastructures that one cares to build to accomplish the task. What seems almost impossible today, then becomes common place. For example, in the days of the Lewis and Clark expedition in 1804-1806 to search for a path to the Pacific Coast across the USA, it would have seemed inconceivable that a vast network of super highways would soon be built, and railways, across the entire continent. In comparison with that, spanning the oceans with infrastructures produced in automated production, is a relatively simple process once society's thinking is enabled that enables the realization of what lays well within its reach.

This is the type of infrastructure development that the upcoming NAWAPA Administration, or whatever its name might be, will be focused on. And this now impossible seeming advance will be enabled in the near term, for several reasons. It will be enabled because it is efficient, and is an essential element of the economic development of the world. It will also be enabled, because it is required as an essential element to assure food security during the coming next Ice Age glaciation cycle, for which the transition may not be far off and may have already begun. We might not have the 100 years left of the current interglacial warm climate. Full-scale indoor agriculture with artificial lighting and controlled environments may take too long to be developed and implemented to become the main component of the global food supply in the near term, which makes the floating-agriculture option a viable alternative to secure the global food supply.

The tropical floating agriculture, as a part of a developing NAWAPA project, would most certainly save Canada in a big way as it would thereby have a presence established in the tropical waters before its own agriculture becomes disabled by the impending Ice Age climate, for which the transition may have already begun. A great chorus of prophets are crying in the Ice Age arena, some predicting that the current interglacial warm climate will last for another 10,000 years, or 1,000, or 100, or 50 years. Given the distant nature of the galactic dynamics that are not mechanistically predictable, anyone of the predicting prophets might be right, and their predictions would all accord with statistical perception that the end is near, with each prediction based on historic pattern that are themselves not precisely repetitive and are overshadowed with far too many factors entering the scene. What is predictable however, and with great certainty, is that the global agriculture will take a massive hit when the Ice Age climate begins to unfold, and that society cannot survive without food. Correspondingly massive protective preparations are therefore called for to be implemented as fast and as efficiently as possible. And this is what an intelligently designed NAWAPA project can enable.

And why shouldn't this be done? It's not hard to do with automated manufacturing.

We would even lay floating bridges across the oceans, such as from Mexico to China, and from Florida to Africa, which then would connect the continents and serve as infrastructures for the floating agriculture. On this platform the deepest Ice Age would not touch us on this planet, which otherwise only a very few people might survive.

Both the pipelines and the floating agriculture and its infrastructure could be made of basalt in relatively easy automated industrial production.

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