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Space Resources, the Enabler of the Earth-Moon Ecosphere (5)

Author: Ms. Ulviyya Najafli
Azerbaijan

IS THE FUTURE OF HUMANITY IN SPACE?

Abstract

The world population is growing rapidly. World population has reached 8 billion people on November 15, 2022 according to the United Nations. The United Nations projects world population to reach 10 billion in the year 2058. The time will come, the population will increase so much that the living space of people will not be enough. It also means scarcity of food and water. In fact, we need natural resources rather than territory. Currently, natural resources mean drinking water resources, food and energy sources. There are many planets with abundant energy sources. Even a new scientific study has found that while diamonds are in short supply on our home planet, they may however be plentiful elsewhere in the universe. The diamond rain phenomenon is believed by some scientists to take place on Uranus and Neptune in our solar system. It is thought it exists some 8,000 km below the surface of our ice giant neighbours, created from commonly found mixtures of hydrogen and carbon, squeezed together at incredible pressure. All this is proof that the universe is full of natural resources that we cannot even imagine. But reaching the surface of these planets is not so easy. Incredible Storms are happening on the surface of many planets. Many planets don't even have a surface to land on. Of course, let's not forget the ones that consist of extremely toxic gases. So how do we use the riches of the cosmos? We must develop technology. Unmanned spacecraft must be able to travel very, very long distances. In addition, these spacecrafts have to be very resistant to bad weather conditions. Many concerns such as global warming, depleted energy resources, and, the 3rd world war, are among the reasons for the dream of establishing a colony in space. The dream of establishing a colony, which seems quite controversial, brings with it many questions, especially where it would be appropriate to establish the colony. The damage to the ecosystem and the risks to be taken form the basis of concerns. Although we have not yet taken a concrete step in the colonization process, it is certain that this race will heat up even more. Who knows, countries can no longer wage wars for the natural resources of the world, but for the resources of space, perhaps against other civilizations.