

Human Colonization Attempt on the Moon

Akhmadi Surawijaya, Bandung Institute of Technology, Indonesia

The Moon is the closest celestial object to our planet, Earth. The Moon is also the first planetary object in our solar system ever touched by human hand. With the development of technology, especially the space shuttle program, we could use the NASA plan to re-send man back to the Moon to study the possibilities of human surviving on Moon environment.

With the current trend of sending man to Mars, it is quite logical to create an outpost at the Moon, which will serve as a station for any craft which would be launched to the Mars. Such outpost could be formed by a simple self supporting Biosphere accompanied by several facility which will serve as a command post, mining and refinery center, and other critical building needed to build a long term colonization base.

Of course, such a program will consume a tremendous amount of fund, not to mention the technology needed for this kind of project. However, this plan could be carried per basis, as the space shuttle program could be used to carry necessary module required to build a permanent base. As this process takes several years, dedicated volunteers could be trained back on Earth for this challenging project.

However, if this project succeeded, than mankind will prove to able to live outside of Earth boundary, and mankind is finally prepared for a longer term of space exploration such as mars Exploration, and maybe even a plan to colonize the whole Solar System.