**Space mining – examples of good papers**

**Question 1**

NASA’s Artemis lunar exploration program is portrayed as the program that builds the pillar of the space exploration of tomorrow, as it stresses the importance of moon material for future missions. This program led to regulate, beyond the Outer Space treaty of 1967, the extraction and trade of space resources. NASA then proposed a set of rules for space mining (like the ones for ocean extraction), extracting and collecting material. The mission also aims to have the first woman on the moon. (82 words)

**Question 2**

Nowadays, climate activists keep on stressing that we are running out of multiple resources. Could space mining be the solution?

Space is home to all kinds of resources, ranging from minerals all the way to dark matter, and mining space is something we are capable of, as NASA showed with the asteroid sample they just retrieved from space this week.

Even though space mining seems promising, it is not going to cut it. In order to fix the issue, we need to go back to its roots, not mask it with short-term fixes. A large fraction of our consumption simply goes to waste, not only that, but relying on a consistent external supply of resources is impossible at the moment, as the investment to benefit ratio when it comes to space mining is baffling. If we redirected our efforts towards creating a consistent supply of renewable energies and fully implementing them, this question would cease to exists. To get an idea of how unlikely it is, the closest star system that has potential resources to be mined is Alpha Centauri, light years away.

While we could make use of some space samples, it is not the solution to the lack of Earth is resources. (204 words)