Greetings…

For a better living condition and the sustainability for all human race, as the pro side, we firmly believe that governments should prefer the exploration of space beyond the Earth’s mesosphere to the exploration of Earth’s ocean.

Definition should of no doubt be mentioned first as we define the term exploration according to OED as the action of exploring an unfamiliar area and space as the physical universe beyond the earth’s mesosphere. Therefore, in order for pro side to win the debate is to prove that the benefit space exploration brings to us outweighs what ocean exploration will bring to us. In comparison with earth’s ocean, the universe is so huge that it certainly has countless resources, zillions of unsolved mysteries for us to find out and new encounters for us to meet.

It is our first contention that the direct outcome of space exploration is to obtain alternative energy and extract those effective resources existing beyond earth.

With no doubt that the most relevant and crucial aspect of space exploration comes with alternative energies and resources in the vast universe. Despite those effective and non-radioactive resources like helium-3that only exists in outer space, solar power may still be the most attractive one. According to the Space-Based Solar Power Assessment conducted by NASA and the Department of Energy, the solar power we could attain in space is 144% of the maximum attainable intensity on the Earth’s surface. By sending satellites with lens and constructing modules located in several spots of the earth’s surface, the Space Based Solar Power is of no doubt a feasible solution in the coming years.

Our second contention is that through space colonization we may also solve the current issue of overpopulation and keep human race from the may-be inevitable end.

Solving the current overpopulation issue is seen as one of the top priorities of governments. Stephane Hawking once said that ‘mankind must move to outer space within a century.’ According to United Nations Environment Program, our earth is already reaching it maximum capacity of 8-16 billions of people. Thinking in fore the long term benefit, the future survival of human races is dependent on the progress of space colonization. Also, at any moment an asteroid may come hurtling at Earth and cause mass extinction. All above incidents would definitely cause a planetary scale disaster surely eliminating the human race at any time, even before global warming and rising sea levels get a chance.

Our third contention goes as the following, space exploration has brought and will bring technological spinoffs to daily lives and educational inspirations to future generations.

Each year, Spinoff highlights NASA technologies that are benefiting life on Earth in the form of commercial products, including but not limited to LED lights, Improved Radial Tires, Chemical Detection Sensors, Water Purification Technologies and the most significantly, the Global Positioning System. It can be foreseen that with the consistent amount of funds provided by the government more advancements will soon be made not only benefiting the cause of space exploration but also influencing and potentially changing our lives. Moreover, space explorations inspires our offsprings. Not to mention the fact that any increase in a space program will increase educational and job opportunities for engineers, physicists, chemists, and experts in other scientific fields. Cases are as the Apollo missions inspired a whole generation of kids who wanted to grow up to be astronauts, rocket scientists, and engineers. “Our future of course, is in the hands of our young people. We owe it to them and to future generations to inspire, enable and train them for the future. Space inspires passion, boldness and curiosity.”said by Leroy Chiao, a former NASA astronaut and ISS commander.

And yes, the space is there, it is always there, and we’re living in this vast universe filled with mysteries waiting for us human to find out. Combining the former three practical reasons and the internal desire of every single human, these will urge us to continue the cause of space exploration and eventually leading to a better future for the race as a whole.