

A Study on the earth observation mission for human society

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We began to discuss the future of the earth observation mission along with the JAXA form 2011 FY. This paper is a summary report of the discussion about land area. We hope that this report becomes the beginning of discussion among many people.

In 2011, the world's population has reached 7 billion people. According to the white paper, the world's birth rate is declining, but the population will continue to trend increase in the future. It is estimated that in 2050 the world population will reach 9 billion people, in the year 2090 will reach 10 billion people. In Malthus's population theory (published in 1798), He said that the big problem for human beings will arise, when the balance of food and population collapses remarkably. We thought it would be this problem to arise in 21st century. We began to discuss the earth observation mission involved in food production.

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