

Food Security Prospective and Strategic Plan for Korea

Professor Hyun Jin Park, Dept. of Biotechnology, School of Life Sciences & Biotechnology, Korea University

This presentation consists of 3 parts: 1. Forecasting future food supply and demand in the Korean peninsula, 2. Potential food production capacity of Korea, and 3. Suggestions to achieve food security in Korea. When preparing for the unification of South and North Korea, forecasting future food supply and demand is essential to secure food for the 80 million people who inhabit the Korean Peninsula. Although South Korea's economy has reached the level of advanced countries, it is still mostly dependent on imported food. In addition, North Korea has been suffering from severe famine. Therefore, food security in the Korean Peninsula is an important issue. This presentation analyses the current food situation in South and North Korea, discusses this issue and presents potential improvement strategies taking into account both dietetics and anthropology. We estimated potential food production capacity of North Korea and forecasted grains supply and demand in the Korean Peninsula assuming unification happens in a near future. We also compared the food industry of South Korea with that of North Korea, and forecasted the outlook for food supply and demand after the unification. It could be a blessing that there is really a chance for unification of the two Koreas. To achieve it, we should control the selfishness, keep social justice alive, and build a good society based on equality, without any repression. We should respect each other, and make a society where residents of North Korea want to live together with those of South Korea. This is something deeper than the economic gains that a future unification could bring: is the way in which Korea could become a true developed country.