



## **GLOBAL FOOD SECURITY PROBLEMS**

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### **Abstract:**

Food security is a major global issue, increasingly urgent due to population growth, climate change, and limited agricultural resources. This article analyzes the basic principles of food security, global problems, causes and consequences, and ways to solve them. It also discusses the problems that arise in the processes of food production, supply, and consumption.

**Keywords:** Food security, global problems, agriculture, climate change, resources, supply, food policy.

### **Introduction**

Food security is one of the most important issues for humanity and is given a special place in the framework of the Sustainable Development Goals by the United Nations (UN). Millions of people around the world do not have access to sufficient quantities of safe and quality food. This is due to natural disasters, climate change, economic crises, wars and a lack of innovation in agriculture.

### **Food security and its basic principles**

The Food and Agriculture Organization of the United Nations (FAO) defines food security based on the following principles:

1. Physical availability - food should be produced and supplied in sufficient quantities.
2. Economic and physical opportunity - everyone should have access to sufficient food.
3. Quality and safety - food should be safe for health and nutritionally adequate.
4. Sustainability - food supply should be guaranteed over the long term.



## **Global Food Security Challenges**

Today, food security is facing a number of global challenges:

### 1. Climate change and agriculture

Droughts, floods, and other natural disasters are increasing as a result of climate change. This is leading to a decrease in agricultural productivity. For example, food shortages are occurring in Africa and Southeast Asia as a result of droughts.

### 2. Depletion of land and water resources

The fertile land needed for agriculture is decreasing around the world. The lack of clean drinking water is also affecting agricultural production.

### 3. Population growth

As the world's population grows, the demand for food is also increasing. According to World Bank forecasts, by 2050, the population of our planet may reach 10 billion. This creates the need to significantly increase food production.

### 4. Economic crisis and rising food prices

The economic crisis in many developing countries is increasing food prices. Countries that depend on food imports are in a particularly difficult situation.

### 5. Food products that are dangerous to health

Poor quality and chemical-rich food products are harming human health. The number of poisonings and food-borne diseases is increasing worldwide.

## **Ways to solve the problems**

The following strategies should be developed to eliminate these global problems:

Development of sustainable agriculture - implementation of innovative technologies and environmentally friendly agricultural methods.

Reduction of food waste - saving products and their efficient use.

Effective management of water and land resources - introduction of modern irrigation systems.

Strengthening international cooperation - global cooperation on food security.

Control of food quality and safety - certification of products and prevention of the release of unsafe food products on the market.

## **Conclusion**

Global food security problems are an urgent issue for the world community. Climate change, resource scarcity and population growth are making this issue



even more acute. Therefore, countries and international organizations need to develop effective strategies to ensure food security.

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