



Collective Social Governance of Food Security

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Chen Yikang
Counselor of Guizhou
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The study of model of food safety governance—The construction of Food Safety Cloud

With the rapid economic development, people tend to pay more attention to the quality and safety of food. Food safety issues involve farming, processing and food circulation, which is concerned with various participants like government, enterprises and consumers. Therefore, it needs multi-governance to tackle with this issue. Actually, each participant has its own problem waiting to be solved. For enterprises, they should compete in quality instead of price; The government needs to enhance its efficiency in supervision with limited resources; Consumers should be informed with more relevant knowledge and information before their consumption. Constructing a food safety cloud based on big data, Internet, as well as cloud computing helps deal with these problems.

Tan Hong
President of Guizhou
Academy of Sciences

Guizhou takes the lead in constructing a food safety cloud, forming ‘Guizhou’ model.

With the collaboration between government and Academy of Sciences, we have built a system of food safety testing and analysis. The system integrates screening, sampling inspection, mobile monitoring with the testing data from different factories. Laboratories’ testing data are connected to the food safety cloud with the same standard. We are looking forwarding to forming a new industry of food safety testing and analysis, which consists of statistics, applications and promotion, service improvement.

Jiang Yuanrong
Wilmar
Vice President of
Biotechnology
Research and
Development Co.,
Ltd.

Enterprises have a great stage to perform as the first responsible person for food safety.

Viewing brands as their life, enterprises always put food safety in the first place. To control food safety, production process from farms to tables and from beginning to the end should be managed well. The true process management is based on fine testing and analysis. We are willing to take responsibility of food safety under the guidance of government, serving market terminal consumers well.

Ding Hui
President of Beijing
Academy of Science
and Technology

The settlement of food safety problems relies on the development of food science.

I mainly work on food safety risk management, and from my perspective, the settlement of food safety problems relies on the development of food science. On one hand, food science involves food testing technology, on the other hand, it needs sharing food safety information. The model of ‘Guizhou Cloud’ gives us a chance to imagine that we can test whether the food is safe or not with a cell phone in the near future.

Wang Li
Chief Engineer of
Maotai Group

Four aspects in food safety guarantee work in enterprises:

Food production enterprises are the main undertakers of food safety responsibilities. There are four aspects in food safety work in enterprises.

Firstly, enterprises should improve interior institution and set relevant standards to form a food safety system from the macro and systematic level;

Secondly, enterprises should build an early warning system to control potential food safety risk;

Thirdly, enterprises can build a platform of food safety researching and monitoring, supervising package and quality of food comprehensively.

Last but not least, enterprises should analysis the data collected from production and market periodically to continuously improve their standards system, achieving a virtuous cycle in food safety management.

Chu Xiaogang
Researcher of Chinese
Academy of
Inspection and
Quarantine

Supervision of food safety from the governmental perspective:

Firstly, it is more efficient to test food from the source than the end.

Secondly, the public should be informed of knowledge about food safety through multi- approaches.

Thirdly, it is a good project to combine cloud technology and food safety testing. It could guide the governance of food safety through analysis a region or an industry by adding data to cloud computing.

He Li
Vice Governor of
Guizhou Province

Take consumers as the basis to solve problems of food safety

Food safety issues have been a common concern of consumers and the whole society. Among the three subjects of enterprises, government and consumers, we should put consumers in the first place. The enterprise should be responsible for its customers and let consumers recognize its brand and products; The government should be responsible for consumers based on the enhancement of capacity of social governance

and modern service. In the Internet era, we should take new models and new mechanism to guarantee the safety of food. An effective way is to apply Internet+ technology in gathering and excavating cloud data, which could provide powerful guarantee for our food safety.

(Editor: Xu Xin, Shi Jinxing)